# DUKE ENERGY CAROLINAS

Charlotte, North Carolina

# DEPRECIATION STUDY

## CALCULATED ANNUAL DEPRECIATION ACCRUALS

## RELATED TO ELECTRIC PLANT

## AS OF DECEMBER 31, 2011

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION

Harrisburg, Pennsylvania

Gannett Fleming

*Excellence Delivered As Promised*

September 28, 2012

Duke Energy Carolinas
550 S. Tryon Street
Charlotte, NC 28202

ii

Attention Mr. Dan Reilly
Director, Asset Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric plant of Duke Energy Carolinas as of December 31, 2011. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual and accrued depreciation, the statistical support for the service life and net salvage estimates, and the detailed tabulations of annual and accrued depreciation.

Respectfully submitted,

GANNETT FLEMING, INC.

John J. Spanos

JOHN J. SPANOS
Sr. Vice President
Valuation and Rate Division

JJS:krm

055436

Gannett Fleming, Inc.
Valuation and Rate Division
P.O. Box 67100 • Harrisburg, PA 17106-7100 • 207 Senate Avenue • Camp Hill, PA 17011-2316
t: 717.763.7211 • f: 717.763.4590
www.gannettfleming.com • www.gfvrd.com

CONTENTS

## PART I. INTRODUCTION


Scope . . . . . I-2
Plan of Report . . . . . I-2
Basis of Study . . . . . I-3
    Depreciation . . . . . I-3
    Survivor Curve and Net Salvage Estimates . . . . . I-3
    Calculation of Depreciation . . . . . I-4


## PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION


Depreciation . . . . . II-2
Service Life and Net Salvage Estimation . . . . . II-3
    Average Service Life . . . . . II-3
    Survivor Curves . . . . . II-3
        Iowa Type Curves . . . . . II-5
    Retirement Rate Method of Analysis . . . . . II-10
        Schedules of Annual Transactions in Plant Records . . . . . II-11
        Schedule of Plant Exposed to Retirement . . . . . II-14
        Original Life Table . . . . . II-16
        Smoothing the Original Survivor Curve . . . . . II-18
    Field Trips . . . . . II-19
    Service Life Considerations . . . . . II-24
    Salvage Analysis . . . . . II-29
    Net Salvage Considerations . . . . . II-29
Calculation of Annual and Accrued Depreciation . . . . . II-30
    Single Unit of Property . . . . . II-31
    Group Depreciation Procedures . . . . . II-31
        Remaining Life Annual Accruals . . . . . II-31
        Average Service Life Procedure . . . . . II-31
Calculation of Annual and Accrued Amortization . . . . . II-32


## PART III. RESULTS OF STUDY


Qualification of Results . . . . . III-2
Description of Statistical Support . . . . . III-2
Description of Depreciation Tabulations . . . . . III-3

CONTENTS, cont.

PART III. RESULTS OF STUDY, cont.


Schedule 1. Comparison by Function of Proposed vs. Current Accrual Rates as of December 31, 2011 . . . . . III-4
Schedule 2. Comparison by Depreciable Group of Proposed vs. Current Accrual Rates as of December 31, 2011 . . . . . III-5
Schedule 3. Summary of Estimated Survivor Curves, Net Salvage, Original Cost, Book Reserve and Calculated Annual Depreciation Rates Related to Electric Plant of December 31, 2011 . . . . . III-6
Service Life Statistics . . . . . III-16
Net Salvage Statistics . . . . . III-253
Depreciation Calculations . . . . . III-296
Buck Steam . . . . . III-510
Cliffside 1-4 . . . . . III-518

# PART I. INTRODUCTION

DUKE ENERGY CAROLINAS

DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC PLANT
AS OF DECEMBER 31, 2011

# PART I. INTRODUCTION

## SCOPE

This report presents the results of the depreciation study prepared for Duke Energy Carolinas ("Company") as applied to electric plant in service as of December 31, 2011. It relates to the concepts, methods and basic judgments which underlie recommended annual depreciation accrual rates related to current electric plant in service.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through 2011; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric industry, including knowledge of service life and salvage estimates used for other electric properties.

## PLAN OF REPORT

Part I includes brief statements of the scope and basis of the study. Part II presents descriptions of the methods used in the service life study and the methods and procedures used in the calculation of depreciation. Part III presents the results of the study, including summary tables, survivor curve charts and life tables resulting from the retirement rate method of analysis; tabular results of the historical net salvage analyses; and detailed tabulations of the calculated annual accruals utilizing remaining life methodology for all asset classes.

## BASIS OF STUDY

### Depreciation

For most accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. For certain General Plant accounts, the annual depreciation was based on amortization accounting. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group.

### Survivor Curve and Net Salvage Estimates

The procedure for estimating survivor curves, which define service lives and remaining lives, consisted of compiling historical service life data for the plant accounts or other depreciable groups, analyzing the historical data base through the use of accepted techniques, and forecasting the survivor characteristics for each depreciable account or group. These forecasts were based on interpretations of the historical data analyses and the expectations of future survivors. The combination of the historical data and the estimated future trend yields a complete pattern of life characteristics, i.e., a survivor curve, from which the average service life and remaining service life are derived.

The historical data analyzed for life estimation purposes were compiled through 2011 from the Company's fixed asset records. Such data included plant additions, retirements, transfers and other activity recorded by the Company for each of its plant accounts and subaccounts.

The estimates of net salvage by account incorporated a review of experienced costs of removal and salvage related to plant retirements, and consideration of trends exhibited

by the historical data. Each component of net salvage, i.e., cost of removal and salvage, was stated in dollars and as a percent of retirement.

An understanding of the function of the plant and information with respect to the reasons for past retirements and the expected causes of future retirements was obtained through discussions with operating and management personnel. The supplemental information obtained in this manner was considered in the interpretation and extrapolation of the statistical analyses.

Calculation of Depreciation

The depreciation accrual rates were calculated using the straight line method, the remaining life basis and the average service life depreciation procedure. Amortization accounting for certain accounts is continued with updated recovery periods recommended to appropriately match anticipated useful lives to amortization recovery periods. An explanation of the calculation of annual and accrued amortization is presented on page II-32 of the report.

# PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

# PART II. METHODS USED IN THE ESTIMATION OF DEPRECIATION

## DEPRECIATION

Depreciation, as defined in the Uniform System of Accounts, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of electric and gas plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, requirements of public authorities, and, in the case of natural gas companies, the exhaustion of natural resources.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight line method of depreciation.

The calculation of annual depreciation based on the straight line method requires the estimation of average life and salvage. These subjects are discussed in the sections which follow.

## SERVICE LIFE AND NET SALVAGE ESTIMATION

### Average Service Life

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve by plotting the number of units which survive at successive ages. A discussion of the general concept of survivor curves is presented. Also, the Iowa type survivor curves are reviewed.

### Survivor Curves

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval and is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

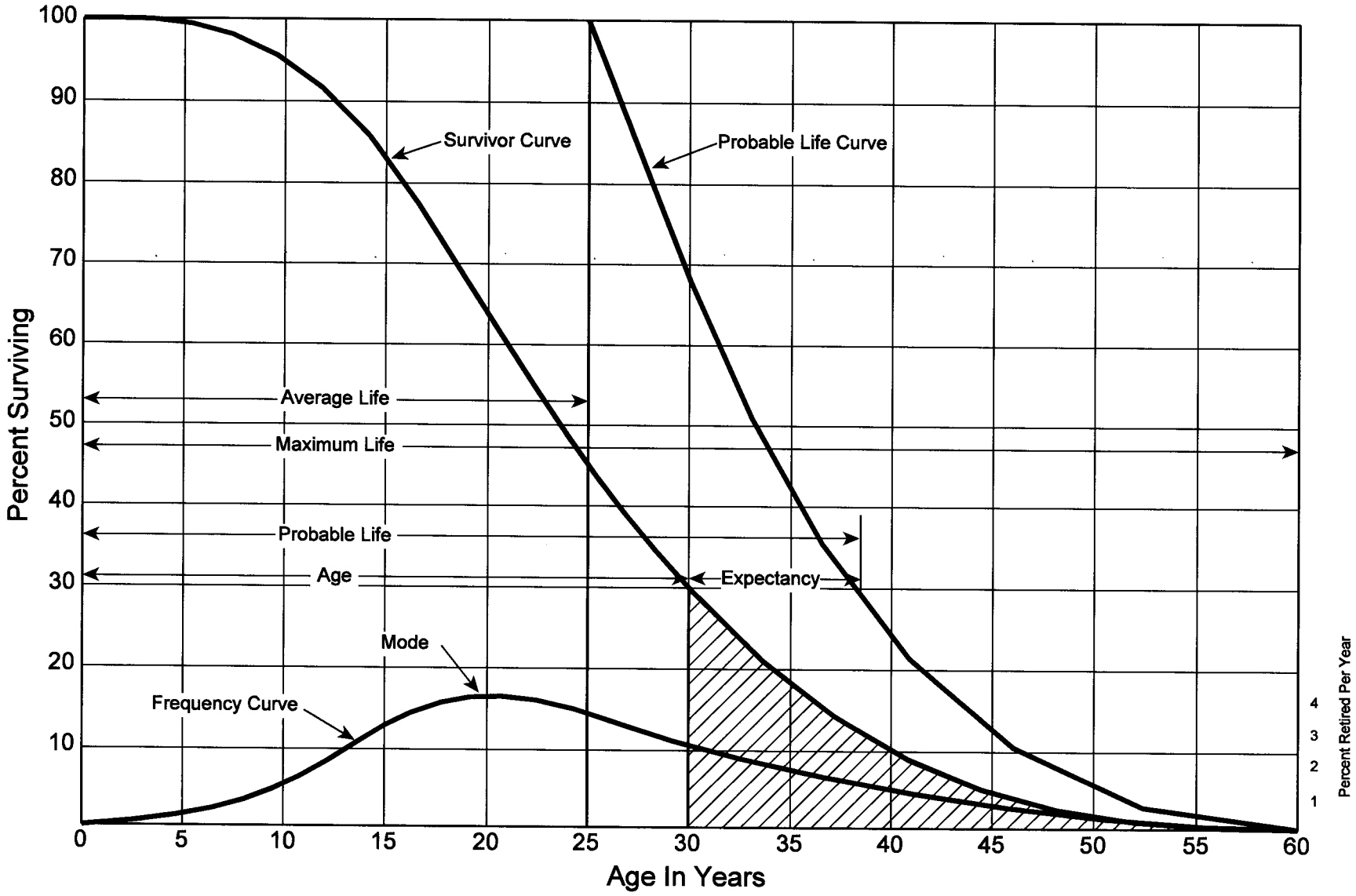



Figure 1. A Typical Survivor Curve and Derived Curves

Iowa Type Curves. The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. There are four families in the Iowa system, labeled in accordance with the location of the modes of the retirements in relationship to the average life and the relative height of the modes. The left moded or L curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded or S curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded or R curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded or O curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numerical subscripts represent the relative heights of the modes of the frequency curves within each family.

The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.[1] These type curves have also been presented in subsequent Experiment Station

[1]Winfrey, Robley. Statistical Analyses of Industrial Property Retirements. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

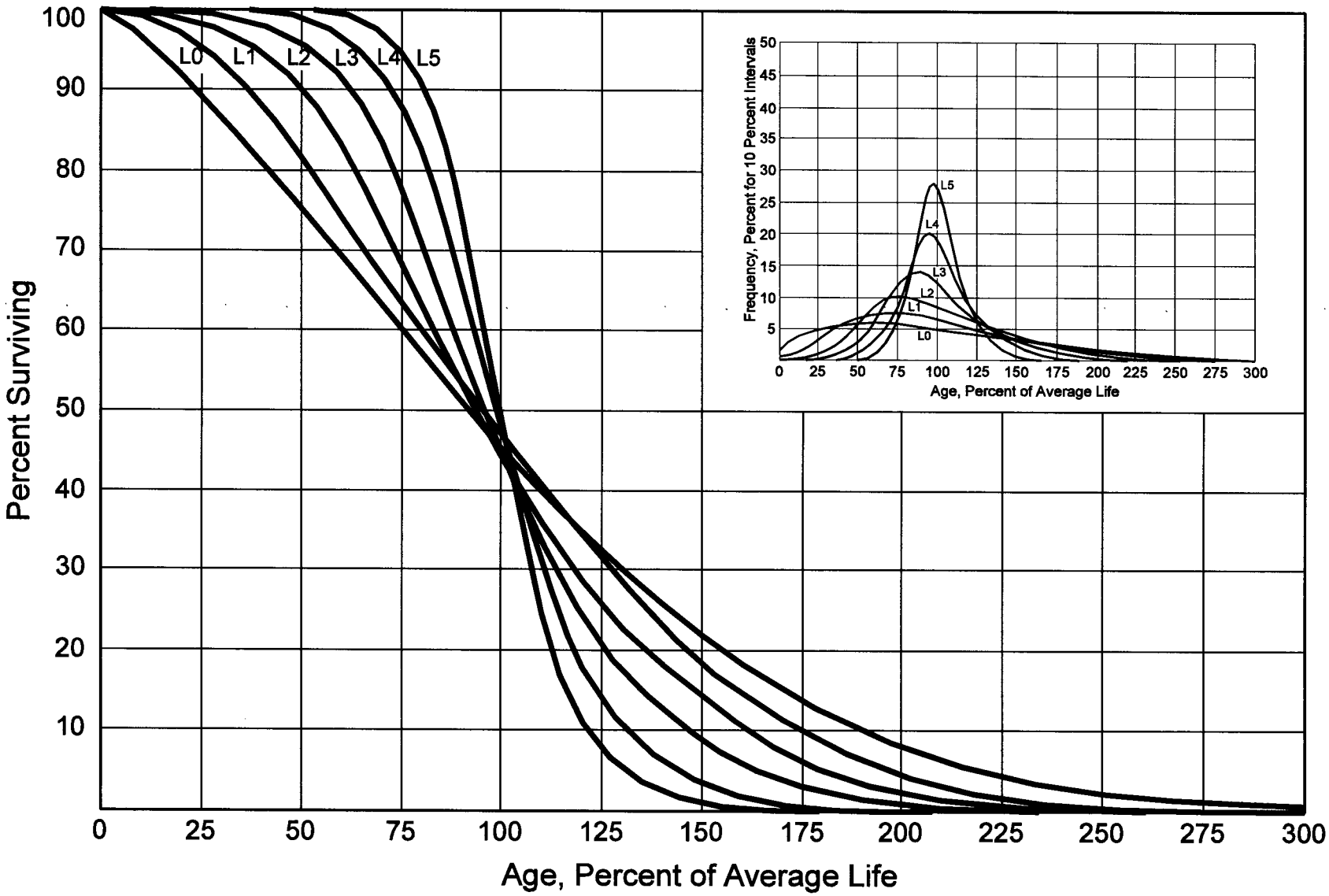



Figure 2. Left Modal or "L" Iowa Type Survivor Curves

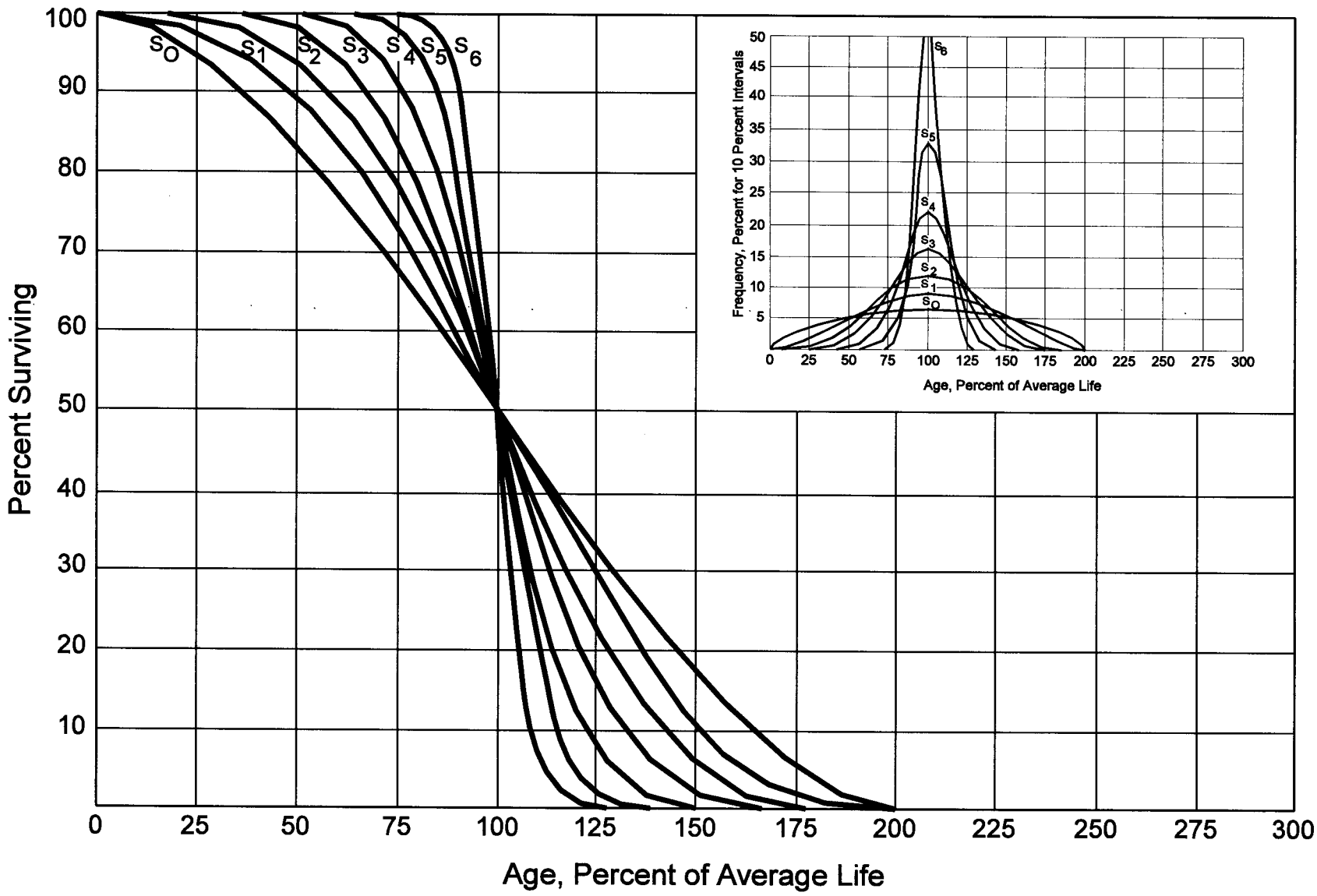



Figure 3. Symmetrical or "S" Iowa Type Survivor Curves

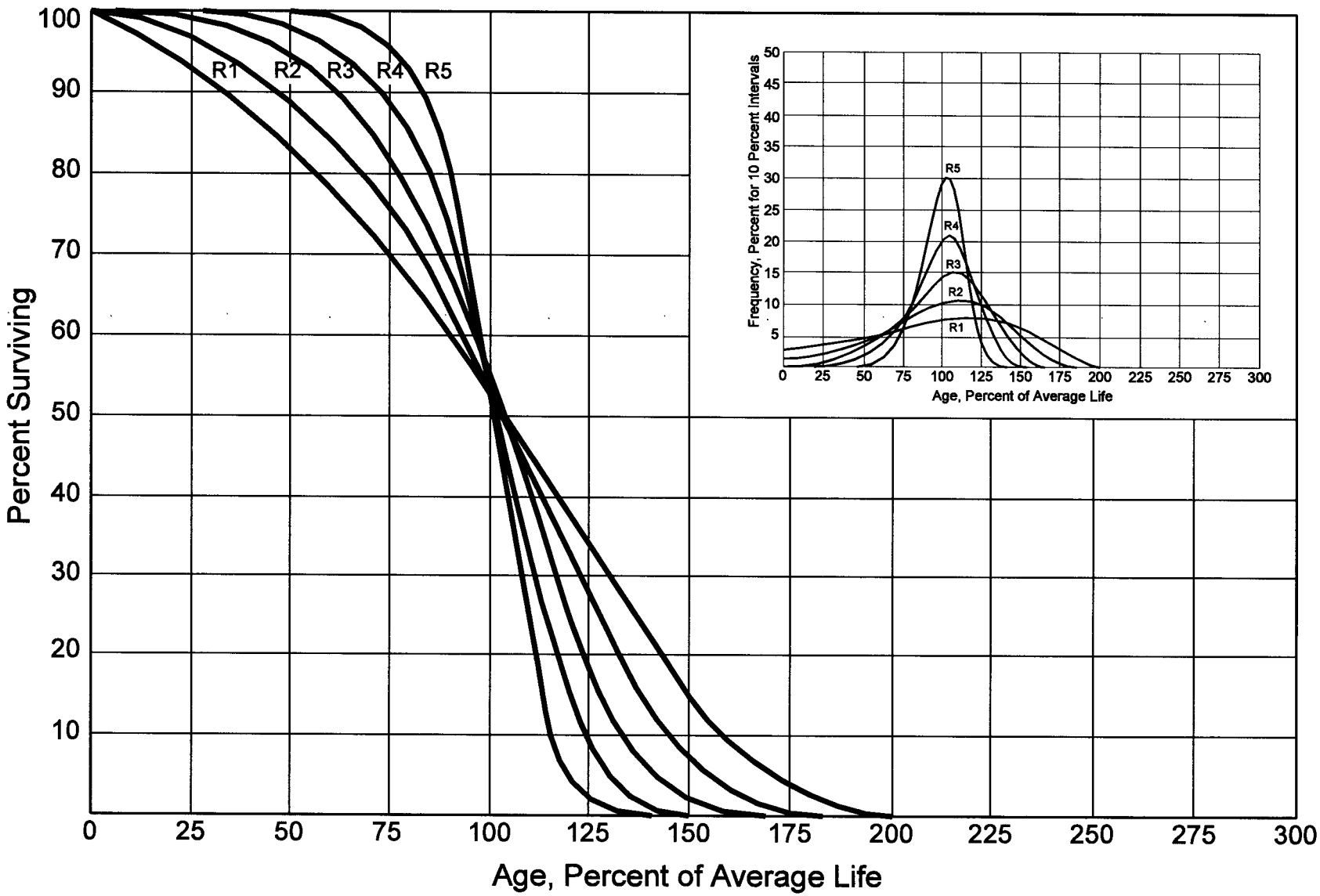



Figure 4. Right Modal or "R" Iowa Type Survivor Curves

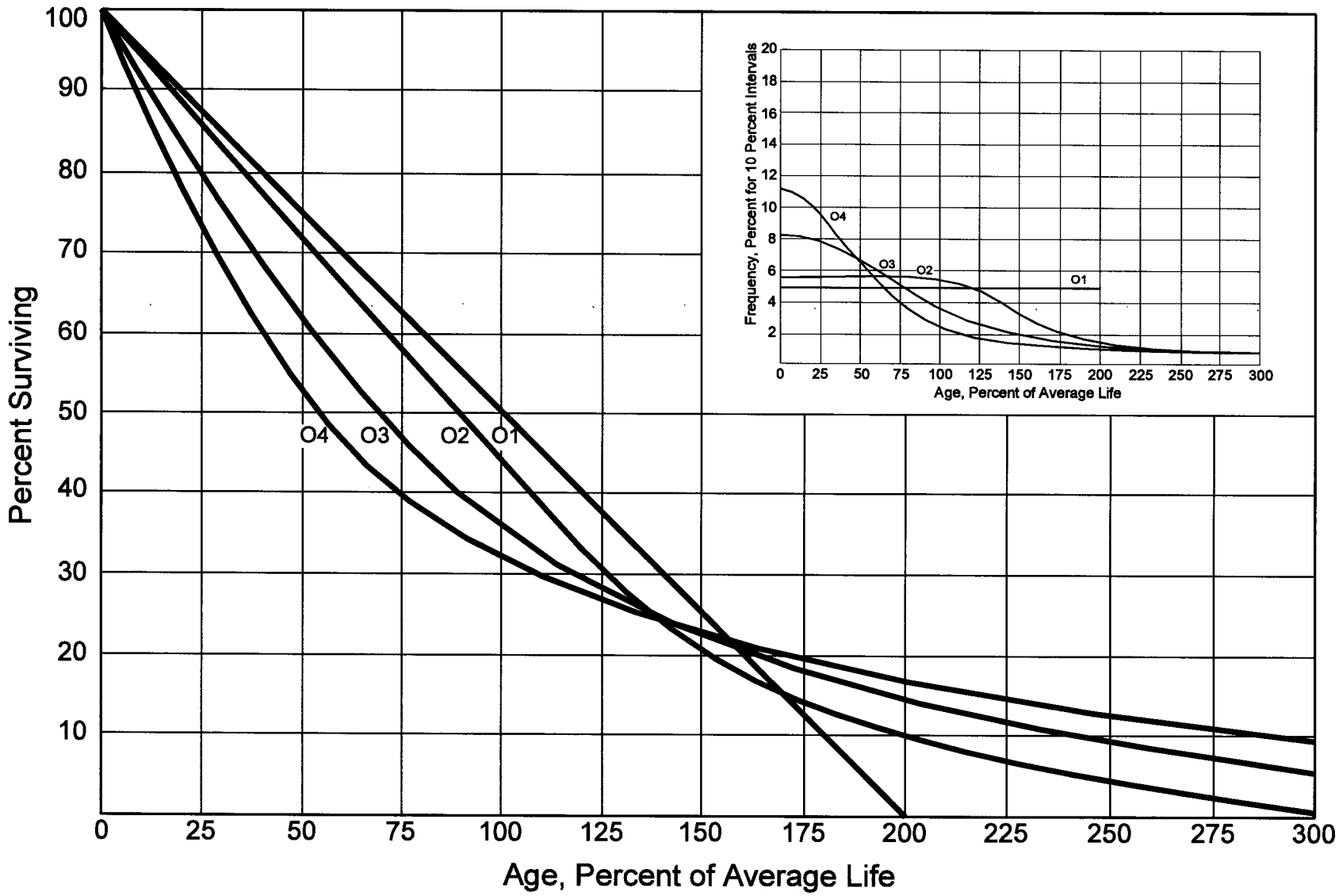



Figure 5. Origin Modal or "O" Iowa Type Survivor Curves

bulletins and in the text, "Engineering Valuation and Depreciation."[2] In 1957, Frank V. B.Couch, Jr., an Iowa State College graduate student, submitted a thesis[3] presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available or for which aged accounting experience is developed by statistically aging unaged amounts and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text, and is also explained in several publications, including "Statistical Analyses of Industrial Property Retirements,"[4] "Engineering Valuation and Depreciation,"[5] and "Depreciation Systems."[6]

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the

---

[2]Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

[3]Couch, Frank V. B., Jr. "Classification of Type O Retirement Characteristics of Industrial Property." Unpublished M.S. thesis (Engineering Valuation). Library, Iowa State College, Ames, Iowa. 1957.

[4]Winfrey, Robley, Supra Note 1.

[5]Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 2.

[6]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994

property exposed to retirement at the beginnings of the age intervals during the same period. The period of observation is referred to as the experience band, and the band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

Schedules of Annual Transactions in Plant Records. The property group used to illustrate the retirement rate method is observed for the experience band 2002-2011 during which there were placements during the years 1997-2011. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Tables 1 and 2 on pages II-12 and II-13. In Table 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the dollars invested in 1997 were retired in 2002. The $10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age

TABLE 1. RETIREMENTS FOR EACH YEAR 2002-2011
SUMMARIZED BY AGE INTERVAL

Experience Band 2002-2011

Placement Band 1997-2011

| Year Placed (1) | Retirements, Thousands of Dollars During Year 2002 (2) | 2003 (3) | 2004 (4) | 2005 (5) | 2006 (6) | 2007 (7) | 2008 (8) | 2009 (9) | 2010 (10) | 2011 (11) | Total During Age Interval (12) | Age Interval (13) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1997 | 10 | 11 | 12 | 13 | 14 | 16 | 23 | 24 | 25 | 26 | 26 | 13½-14½ |
| 1998 | 11 | 12 | 13 | 15 | 16 | 18 | 20 | 21 | 22 | 19 | 44 | 12½-13½ |
| 1999 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 21 | 22 | 18 | 64 | 11½-12½ |
| 2000 | 8 | 9 | 10 | 11 | 11 | 13 | 14 | 15 | 16 | 17 | 83 | 10½-11½ |
| 2001 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 20 | 93 | 9½-10½ |
| 2002 | 4 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 20 | 105 | 8½-9½ |
| 2003 | | 5 | 11 | 12 | 13 | 14 | 15 | 16 | 18 | 20 | 113 | 7½-8½ |
| 2004 | | | 6 | 12 | 13 | 15 | 16 | 17 | 19 | 19 | 124 | 6½-7½ |
| 2005 | | | | 6 | 13 | 15 | 16 | 17 | 19 | 19 | 131 | 5½-6½ |
| 2006 | | | | | 7 | 14 | 16 | 17 | 19 | 20 | 143 | 4½-5½ |
| 2007 | | | | | | 8 | 18 | 20 | 22 | 23 | 146 | 3½-4½ |
| 2008 | | | | | | | 9 | 20 | 22 | 25 | 150 | 2½-3½ |
| 2009 | | | | | | | | 11 | 23 | 25 | 151 | 1½-2½ |
| 2010 | | | | | | | | | 11 | 24 | 153 | ½-1½ |
| 2011 | — | — | — | — | — | — | — | — | — | 13 | 80 | 0-½ |
| Total | 53 | 68 | 86 | 106 | 128 | 157 | 196 | 231 | 273 | 308 | 1,606 | |

TABLE 2. OTHER TRANSACTIONS FOR EACH YEAR 2002-2011
SUMMARIZED BY AGE INTERVAL

Experience Band 2002-2011

Placement Band 1997-2011

| Year Placed (1) | Acquisitions, Transfers and Sales, Thousands of Dollars During Year 2002 (2) | 2003 (3) | 2004 (4) | 2005 (5) | 2006 (6) | 2007 (7) | 2008 (8) | 2009 (9) | 2010 (10) | 2011 (11) | Total During Age Interval (12) | Age Interval (13) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1997 | - | - | - | - | - | - | 60[a] | - | - | - | - | 13½-14½ |
| 1998 | - | - | - | - | - | - | - | - | - | - | - | 12½-13½ |
| 1999 | - | - | - | - | - | - | - | - | - | - | - | 11½-12½ |
| 2000 | - | - | - | - | - | - | - | (5)[b] | - | - | 60 | 10½-11½ |
| 2001 | - | - | - | - | - | - | - | 6[a] | - | - | - | 9½-10½ |
| 2002 | | - | - | - | - | - | - | - | - | - | (5) | 8½-9½ |
| 2003 | | - | - | - | - | - | - | - | - | - | 6 | 7½-8½ |
| 2004 | | | - | - | - | - | - | - | - | - | - | 6½-7½ |
| 2005 | | | | - | - | - | - | (12)[b] | - | - | - | 5½-6½ |
| 2006 | | | | | - | - | - | - | 22[a] | - | - | 4½-5½ |
| 2007 | | | | | | - | - | (19)[b] | - | - | 10 | 3½-4½ |
| 2008 | | | | | | | - | - | - | - | - | 2½-3½ |
| 2009 | | | | | | | | - | - | (102)[c] | (121) | 1½-2½ |
| 2010 | | | | | | | | | - | - | - | ½-1½ |
| 2011 | — | — | — | — | — | — | — | — | — | — | - | 0-½ |
| Total | - | - | - | - | - | - | 60 | (30) | 22 | (102) | (50) | |

[a] Transfer Affecting Exposures at Beginning of Year
[b] Transfer Affecting Exposures at End of Year
[c] Sale with Continued Use
Parentheses denote Credit amount.

interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Table 1 immediately above the stairstep line drawn on the table beginning with the 2002 retirements of 1997 installations and ending with the 2011 retirements of the 2006 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

$$10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20.$$

In Table 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement. The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Table 3 on page II-15.

The surviving plant at the beginning of each year from 2002 through 2011 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Table 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Tables 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year.

TABLE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2002-2011
SUMMARIZED BY AGE INTERVAL

Experience Band 2002-2011 | Placement Band 1997-2011

| Year Placed (1) | Exposures, Thousands of Dollars — Annual Survivors at the Beginning of the Year: 2002 (2) | 2003 (3) | 2004 (4) | 2005 (5) | 2006 (6) | 2007 (7) | 2008 (8) | 2009 (9) | 2010 (10) | 2011 (11) | Total at Beginning of Age Interval (12) | Age Interval (13) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1997 | 255 | 245 | 234 | 222 | 209 | 195 | 239 | 216 | 192 | 167 | 167 | 13½-14½ |
| 1998 | 279 | 268 | 256 | 243 | 228 | 212 | 194 | 174 | 153 | 131 | 323 | 12½-13½ |
| 1999 | 307 | 296 | 284 | 271 | 257 | 241 | 224 | 205 | 184 | 162 | 531 | 11½-12½ |
| 2000 | 338 | 330 | 321 | 311 | 300 | 289 | 276 | 262 | 242 | 226 | 823 | 10½-11½ |
| 2001 | 376 | 367 | 357 | 346 | 334 | 321 | 307 | 297 | 280 | 261 | 1,097 | 9½-10½ |
| 2002 | 420[a] | 416 | 407 | 397 | 386 | 374 | 361 | 347 | 332 | 316 | 1,503 | 8½-9½ |
| 2003 | | 460[a] | 455 | 444 | 432 | 419 | 405 | 390 | 374 | 356 | 1,952 | 7½-8½ |
| 2004 | | | 510[a] | 504 | 492 | 479 | 464 | 448 | 431 | 412 | 2,463 | 6½-7½ |
| 2005 | | | | 580[a] | 574 | 561 | 546 | 530 | 501 | 482 | 3,057 | 5½-6½ |
| 2006 | | | | | 660[a] | 653 | 639 | 623 | 628 | 609 | 3,789 | 4½-5½ |
| 2007 | | | | | | 750[a] | 742 | 724 | 685 | 663 | 4,332 | 3½-4½ |
| 2008 | | | | | | | 850[a] | 841 | 821 | 799 | 4,955 | 2½-3½ |
| 2009 | | | | | | | | 960[a] | 949 | 926 | 5,719 | 1½-2½ |
| 2010 | | | | | | | | | 1,080[a] | 1,069 | 6,579 | ½-1½ |
| 2011 | | | | | | | | | | 1,220[a] | 7,490 | 0-½ |
| Total | 1,975 | 2,382 | 2,824 | 3,318 | 3,872 | 4,494 | 5,247 | 6,017 | 6,852 | 7,799 | 44,780 | |

[a] Additions during the year.

Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2007 are calculated in the following manner:

| | | |
|---|---|---|
| Exposures at age 0 | = amount of addition | = $750,000 |
| Exposures at age ½ | = $750,000 - $ 8,000 | = $742,000 |
| Exposures at age 1½ | = $742,000 - $18,000 | = $724,000 |
| Exposures at age 2½ | = $724,000 - $20,000 - $19,000 | = $685,000 |
| Exposures at age 3½ | = $685,000 - $22,000 | = $663,000 |

For the entire experience band 2002-2011, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Table 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.

Original Life Table. The original life table, illustrated in Table 4 on page II-17, is developed from the totals shown on the schedules of retirements and exposures, Tables 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and

TABLE 4. ORIGINAL LIFE TABLE
CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2002-2011 | Placement Band 1997-2011

(Exposure and Retirement Amounts are in Thousands of Dollars)

| Age at Beginning of Interval (1) | Exposures at Beginning of Age Interval (2) | Retirements During Age Interval (3) | Retirement Ratio (4) | Survivor Ratio (5) | Percent Surviving at Beginning of Age Interval (6) |
|---|---|---|---|---|---|
| 0.0 | 7,490 | 80 | 0.0107 | 0.9893 | 100.00 |
| 0.5 | 6,579 | 153 | 0.0233 | 0.9767 | 98.93 |
| 1.5 | 5,719 | 151 | 0.0264 | 0.9736 | 96.62 |
| 2.5 | 4,955 | 150 | 0.0303 | 0.9697 | 94.07 |
| 3.5 | 4,332 | 146 | 0.0337 | 0.9663 | 91.22 |
| 4.5 | 3,789 | 143 | 0.0377 | 0.9623 | 88.15 |
| 5.5 | 3,057 | 131 | 0.0429 | 0.9571 | 84.83 |
| 6.5 | 2,463 | 124 | 0.0503 | 0.9497 | 81.19 |
| 7.5 | 1,952 | 113 | 0.0579 | 0.9421 | 77.11 |
| 8.5 | 1,503 | 105 | 0.0699 | 0.9301 | 72.65 |
| 9.5 | 1,097 | 93 | 0.0848 | 0.9152 | 67.57 |
| 10.5 | 823 | 83 | 0.1009 | 0.8991 | 61.84 |
| 11.5 | 531 | 64 | 0.1205 | 0.8795 | 55.60 |
| 12.5 | 323 | 44 | 0.1362 | 0.8638 | 48.90 |
| 13.5 | 167 | 26 | 0.1557 | 0.8443 | 42.24 |
| | | | | | 35.66 |
| Total | 44,780 | 1,606 | | | |

Column 2 from Table 3, Column 12, Plant Exposed to Retirement.
Column 3 from Table 1, Column 12, Retirements for Each Year.
Column 4 = Column 3 divided by Column 2.
Column 5 = 1.0000 minus Column 4.
Column 6 = Column 5 multiplied by Column 6 as of the Preceding Age Interval.

successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

| | | | | | | |
|---|---|---|---|---|---|---|
| Percent surviving at age 4½ | = | 88.15 | | | | |
| Exposures at age 4½ | = | 3,789,000 | | | | |
| Retirements from age 4½ to 5½ | = | 143,000 | | | | |
| Retirement Ratio | = | 143,000 | ÷ | 3,789,000 | = | 0.0377 |
| Survivor Ratio | = | 1.000 | - | 0.0377 | = | 0.9623 |
| Percent surviving at age 5½ | = | (88.15) | x | (0.9623) | = | 84.83 |

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Tables 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

The original survivor curve is plotted from the original life table (column 6, Table 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve. The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve

developed in Table 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0. In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group, assuming no contrary relevant factors external to the analysis of historical data.

Field Trips

In order to be familiar with the operation of the Company and to observe representative portions of the plant, field trips were conducted. A sampling of major facilities was selected to best represent the various assets in service. Aside from the obtained knowledge of age, type and condition of each group of assets that were visited, a discussion with key operational personnel as to the outlook of each asset group was conducted. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements were obtained during these field trips. This knowledge and information were incorporated the interpretation and extrapolation of the statistical analyses.

The plant facilities visited on October 27-29, 2003, March 3-5, 2009 and June 13-15, 2012 are as follows:

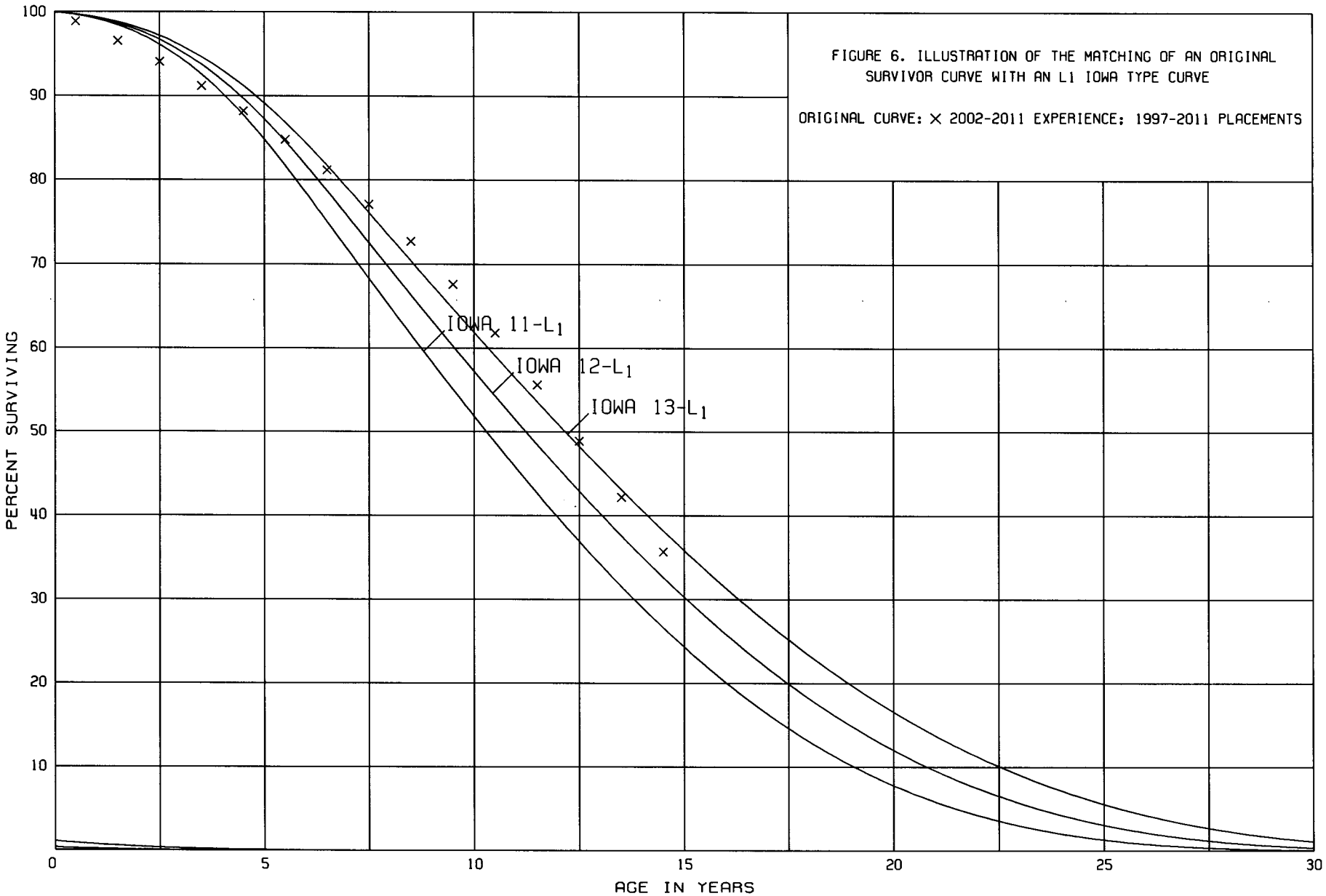


FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE
ORIGINAL CURVE: X 2002-2011 EXPERIENCE: 1997-2011 PLACEMENTS
IOWA 11-L1
IOWA 12-L1
IOWA 13-L1
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

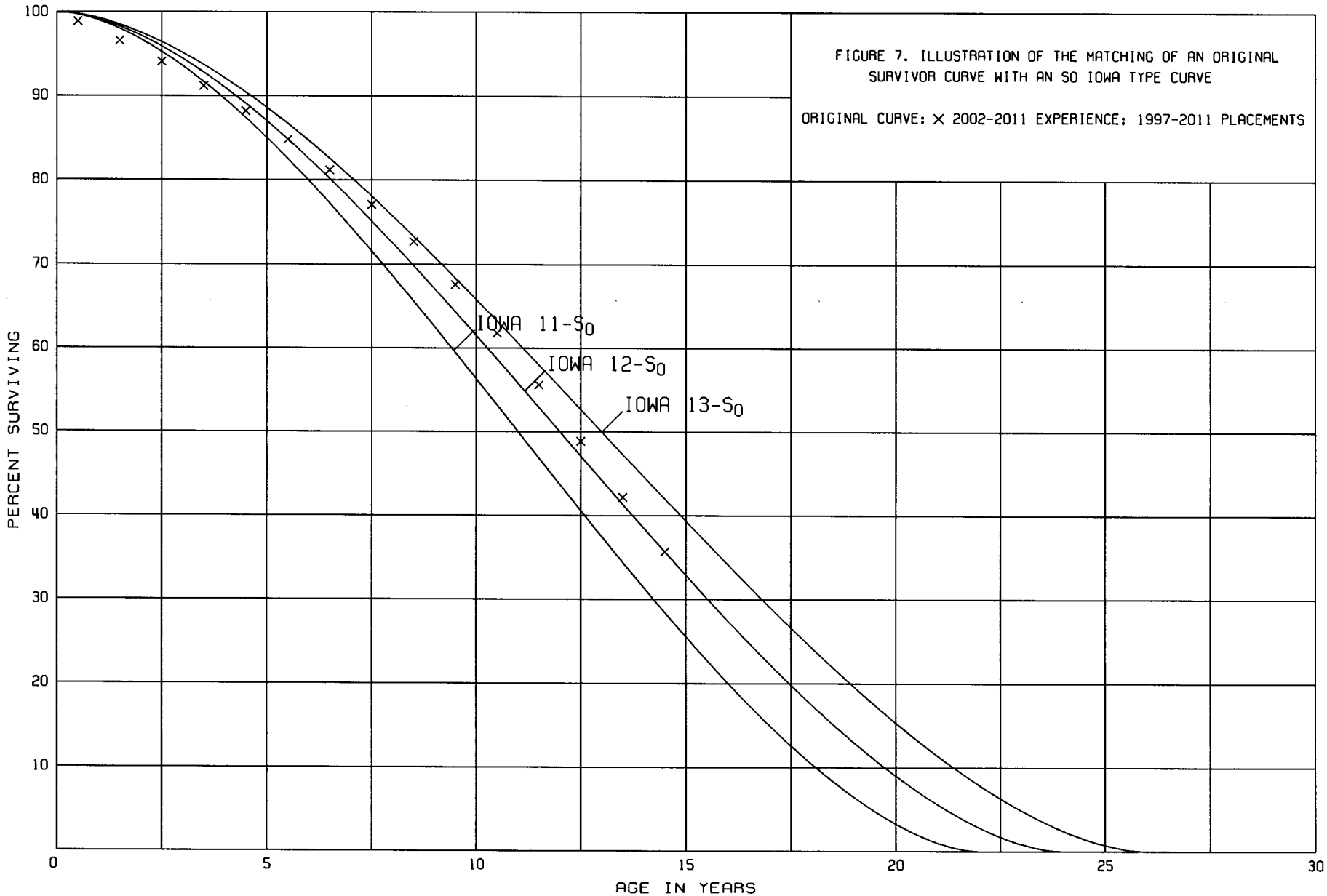


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN SO IOWA TYPE CURVE
ORIGINAL CURVE: X 2002-2011 EXPERIENCE; 1997-2011 PLACEMENTS
IOWA 11-S0
IOWA 12-S0
IOWA 13-S0
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

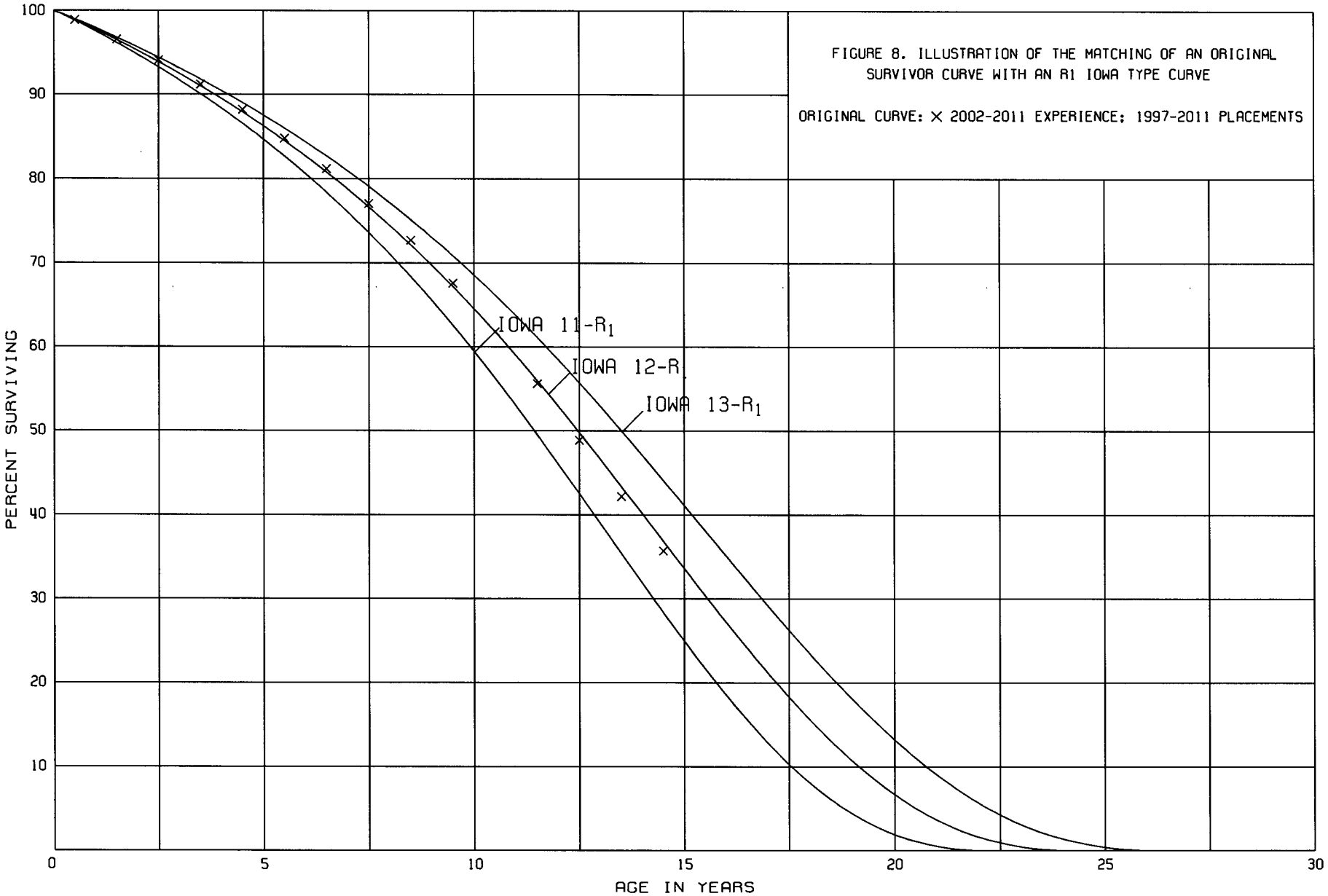


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL CURVE: X 2002-2011 EXPERIENCE; 1997-2011 PLACEMENTS
IOWA 11-R1
IOWA 12-R1
IOWA 13-R1
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

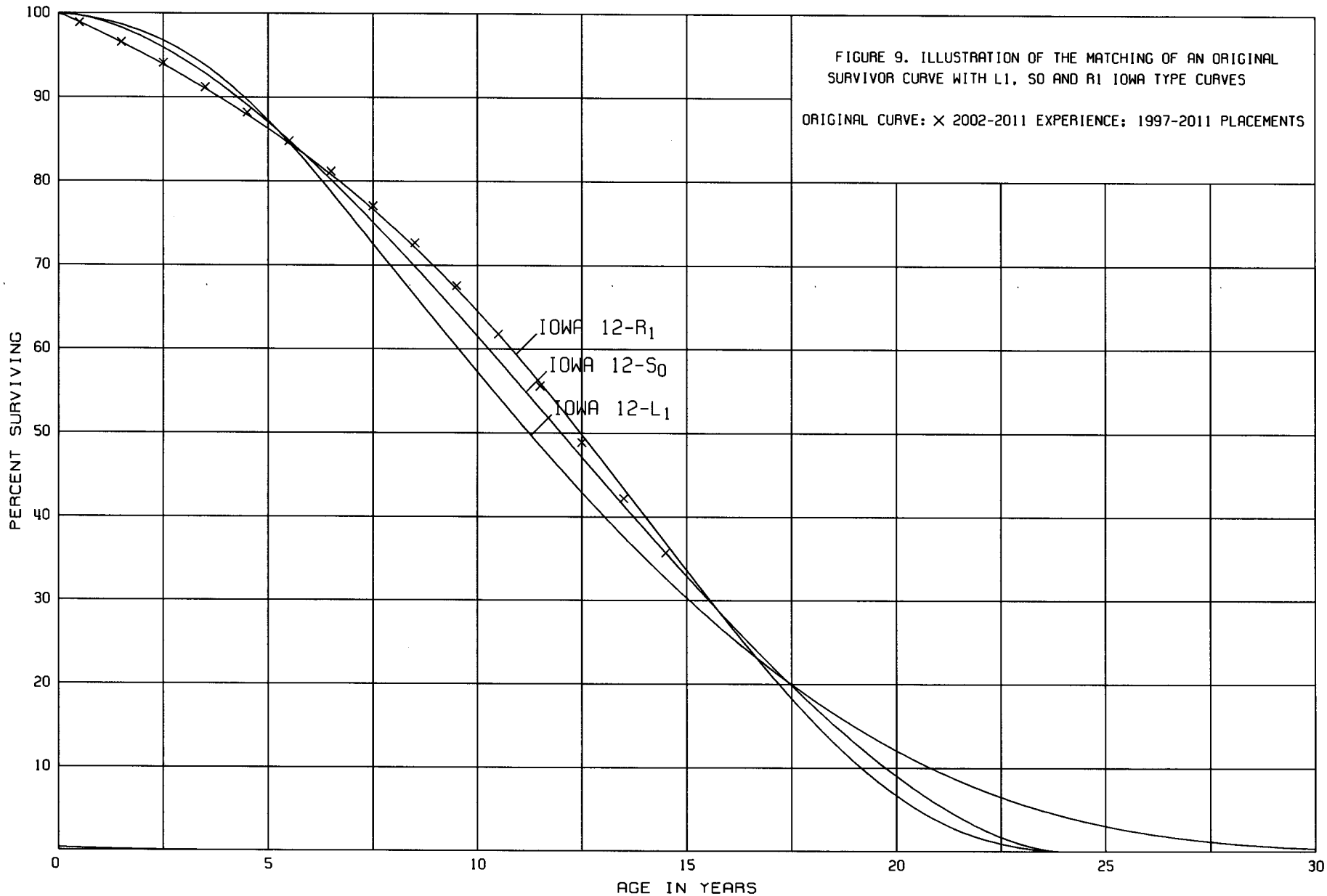


FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH L1, S0 AND R1 IOWA TYPE CURVES
ORIGINAL CURVE: X 2002-2011 EXPERIENCE; 1997-2011 PLACEMENTS
IOWA 12-R1
IOWA 12-S0
IOWA 12-L1
PERCENT SURVIVING
AGE IN YEARS
100
90
80
70
60
50
40
30
20
10
0
5
10
15
20
25
30

October 27-29, 2003

McGuire Nuclear Station
Allen Steam Generating Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Lincoln Combustion Turbine Station
Marshall Steam Generating Station
Cowans Ford Hydro Plant
Bad Creek Pump Storage
Oconee Nuclear Station

March 3-5, 2009

Allen Steam Generating Station
Marshall Steam Generating Station
Belews Creek Generating Station
McGuire Nuclear Station
Cowans Ford Hydro Plant
Lincoln Combustion Turbine Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Mill Creek Combustion Turbine Station
Oconee Nuclear Station
Bad Creek Pump Storage
Jocassee Hydro Plant
Cliffside Steam Generating Station

June 13-15, 2012

Buck Combined Cycle Generating Station
Rockingham Combustion Turbine Station
Belews Creek Generating Station
Lewisville Operations Center
Peace Haven Road Substation
Shallowford Substation
Bridgewater Hydro Plant
Marshall Steam Generating Station
Lincolntown Tie Substation
Cliffside Steam Generating Station
Allen Steam Generating Station

Service Life Considerations

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data; current Company policies and outlook as determined during conversations with management; and the survivor curve estimates from previous studies of this company and other electric utility companies.

The 39 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in good to excellent indications of the survivor patterns experienced. These accounts represent 80 percent of depreciable plant. Generally, the information external to the statistics led to no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page III-16.

STEAM PRODUCTION PLANT
- 311.00 Structures and Improvements
- 312.00 Boiler Plant Equipment
- 314.00 Turbogenerator Units
- 315.00 Accessory Electric Equipment

NUCLEAR PLANT
- 321.00 Structures and Improvements
- 322.00 Reactor Plant Equipment
- 323.00 Turbogenerators
- 324.00 Accessory Electric Equipment

HYDRAULIC PLANT
- 331.00 Structures and Improvements
- 332.00 Reservoirs, Dams and Waterways
- 333.00 Water Wheels, Turbines and Generators
- 334.00 Accessory Electric Equipment
- 335.00 Miscellaneous Power Plant Equipment

OTHER PRODUCTION PLANT
- 344.00 Generators
- 345.00 Accessory Electric Equipment

TRANSMISSION PLANT
- 353.00 Station Equipment
- 355.00 Poles and Fixtures

DISTRIBUTION PLANT
- 362.00 Station Equipment
- 364.00 Poles, Towers and Fixtures
- 365.00 Overhead Conductors and Devices
- 367.00 Underground Conductors and Devices
- 368.00 Line Transformers
- 370.00 Meters
- 371.00 Installations on Customers' Premises
- 373.00 Street Lighting and Signal Systems

GENERAL PLANT

| | |
|---|---|
| 390.00 | Structures and Improvements |
| 392.10 | Transportation Equipment - Passenger Cars and Station Wagons |
| 392.20 | Transportation Equipment - Light Trucks |
| 392.30 | Transportation Equipment - Medium Trucks |
| 392.50 | Transportation Equipment - Medium Trucks/Power Equipped |
| 392.60 | Transportation Equipment - Heavy Trucks/Power Equipped |
| 392.70 | Transportation Equipment - Tractors - Gasoline |
| 392.80 | Transportation Equipment - Tractors - Diesel |
| 392.90 | Transportation Equipment - Trailers |
| 396.10 | Power Operated Equipment - Trenchers, Cable Plows and Rubber Tired Tractors |
| 396.30 | Power Operated Equipment - Heavy Construction Equipment |
| 396.40 | Power Operated Equipment - Mobile Cranes |
| 396.50 | Power Operated Equipment - Forklifts |
| 396.60 | Power Operated Equipment - Trailers with Mounted Equipment |
| 396.70 | Power Operated Equipment - Miscellaneous Non-Highway Equipment |
| 396.90 | Power Operated Equipment - Miscellaneous Equipment |

Account 365.00, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Aged plant accounting data have been compiled for the years 1960 through 2011. These data have been coded in the course of the Company's normal record keeping according to account or property group, type of transaction, year in which the transaction took place, and year in which the electric plant was placed in service. The retirements, other plant transactions, and plant additions were analyzed by the retirement rate method.

The survivor curve estimate is based on the statistical indications for the periods 1960 through 2011 and 1987 through 2011. The Iowa 44-R0.5 is a reasonable fit of the stub original survivor curve for Overhead Conductors and Devices. The 44-year service life is within the typical service life range of 35 to 50 years for overhead conductor. The 44-year life reflects the Company's plans to replace overhead conductor at the time the equipment fails or requires a load upgrade due to growth in the service territory.

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect

interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differ from account to account. The interim survivor curves estimated for steam, nuclear, hydraulic, and other production plant related to Duke Energy Carolinas stations were based on the retirement rate method.

The life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, the age of surviving units, general operating characteristics of the units, major refurbishing, and discussions with management personnel concerning the probable long-term outlook for the units. Final decisions as to date of retirement will be determined by management on a unit by unit basis.

The life span estimate for the steam and nuclear, base-load units is 58 to 74 years, which is within the typical range of life spans for such units. The 60 to 70-year life span estimate applies to almost all the steam and nuclear units. The life span estimates for hydraulic production units is generally over 80 years which is typical for life spans for hydraulic plants. The typical range of life spans for other production units is 35-45 years. Many of the units within this category have life spans at the longer end of the range due to their attained age and current use as peaking units.

A summary of the year in service, life span and probable retirement year for each power production unit follows:

| Depreciable Group | Major Year in Service | Probable Retirement Year | Life Span |
|---|---|---|---|
| Steam Production Plant | | | |
| Marshall | 1965 | 2038 | 73 |
| Riverbend | 1952 | 2015 | 63 |
| Buck | 1941 | 2015 | 74 |
| Belews Creek | 1974 | 2045 | 71 |
| Dan River | 1949 | 2012 | 63 |
| Cliffside 1-4 | 1940 | 2011 | 71 |

| Depreciable Group | Major Year in Service | Probable Retirement Year | Life Span |
|---|---|---|---|
| Cliffside 5 | 1972 | 2042 | 70 |
| Cliffside 6 | 2010 | 2048 | 38 |
| Lee | 1951 | 2020 | 69 |
| Allen | 1957 | 2028 | 71 |
| Nuclear Production | | | |
| Oconee | 1973 | 2033 | 60 |
| McGuire | 1981 | 2042 | 61 |
| Catawba | 1985 | 2043 | 58 |
| Hydro Production | | | |
| Cowans Ford | 1963 | 2062 | 99 |
| Bad Creek | 1991 | 2058 | 67 |
| Jocassee | 1973 | 2046 | 73 |
| Keowee | 1971 | 2046 | 75 |
| Fishing Creek | 1916,1997 | 2062 | 146,65 |
| Cedar Creek | 1927,1999 | 2062 | 135,63 |
| Bridgewater | 1919,1987 | 2062 | 143,75 |
| Gaston Shoals | 1917,1993 | 2036 | 119,43 |
| Lookout Shoals | 1915 | 2062 | 147 |
| Mountain Island | 1923 | 2062 | 139 |
| 99 Islands | 1910 | 2036 | 126 |
| Oxford | 1928,1997 | 2062 | 134,65 |
| Rhodhiss | 1925 | 2062 | 137 |
| Tuxedo | 1920,1992 | 2041 | 121,49 |
| Wateree | 1919,1996 | 2062 | 143,66 |
| Wylie | 1925,1997 | 2062 | 137,65 |
| Great Falls | 1907,1993 | 2062 | 155,69 |
| Rocky Creek | 1909 | 2062 | 153 |
| Dearborn | 1923,1996 | 2062 | 139,66 |
| NPL Bear Creek | 1954 | 2041 | 87 |
| NPL Bryson | 1942 | 2041 | 99 |
| NPL Cedar Cliff | 1952 | 2041 | 89 |
| NPL Dillsboro | 1957 | 2010 | 53 |
| NPL Franklin | 1933 | 2041 | 108 |
| NPL Mission | 1929 | 2041 | 112 |
| NPL Nantahala | 1942 | 2042 | 100 |
| NPL Queens Creek | 1949 | 2032 | 83 |
| NPL Tennessee Creek | 1955 | 2041 | 86 |
| NPL Thorpe | 1943 | 2041 | 98 |
| NPL Tuckasegee | 1951 | 2041 | 90 |
| Other Production Plant | | | |
| Riverbend | 1970 | 2012 | 42 |
| Lincoln | 1995 | 2035 | 40 |

| Depreciable Group | Major Year in Service | Probable Retirement Year | Life Span |
|---|---|---|---|
| Buck - Units 7, 8 & 9 | 1969 | 2012 | 43 |
| Buzzard Roost | 1971 | 2012 | 41 |
| Dan River | 1968 | 2012 | 44 |
| Lee | 2007 | 2047 | 40 |
| Mill Creek | 2002 | 2043 | 41 |
| Rockingham | 2000 | 2040 | 40 |
| Buck - Combined Cycle | 2011 | 2046 | 35 |

The survivor curve estimates for the remaining accounts were based on judgment incorporating the statistical analyses and previous studies for this and other electric utilities.

Salvage Analysis

The estimates of net salvage by account were based in part on historical data compiled through 2011. Cost of removal and salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

Net Salvage Considerations

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and salvage data are presented in the section titled "Net Salvage Statistics" on an account level for which the net salvage estimate relied partially on those analyses.

Statistical analyses of historical data for the period 2003 through 2011 for electric plant were analyzed. The analyses contributed toward the net salvage estimates for each plant account and subaccount.

CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

After the survivor curve and salvage are estimated, the annual depreciation accrual rate can be calculated. In the average service life procedure, the annual accrual rate is computed by the following equation:

$$\textit{Annual Accrual Rate, Percent} = \frac{(100\% \quad \textit{Net Salvage, Percent})}{\textit{Average Service Life}}.$$

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which will not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as a basis for straight line depreciation accounting.

The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account, based upon the attained age and the estimated survivor curve. The accrued depreciation ratios are calculated as follows:

$$\textit{Ratio} = \left(1 - \frac{\textit{Average Remaining Life Expectancy}}{\textit{Average Service Life}}\right)(1 - \textit{Net Salvage, Percent}).$$

The application of these procedures is described for a single unit of property and a group of property units. Salvage is omitted from the description for ease of application.

Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a $1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1,000}{(4 + 6)} = \$100 \textit{ per year.}$$

The accrued depreciation is:

$$\$1,000 \left(1 - \frac{6}{10}\right) = \$400.$$

Group Depreciation Procedures

When more than a single item of property is under consideration, a group procedure for depreciation is appropriate because normally all of the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group.

Remaining Life Annual Accruals. For the purpose of calculating remaining life accruals as of December 31, 2011, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of December 31, 2011, are set forth in the Results of Study section of the report.

Average Service Life Procedure. In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals, if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account, based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

$$Ratio = 1 - \frac{Average\ Remaining\ Life}{Average\ Service\ Life}.$$

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization, as defined in the Uniform System of Accounts, is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization periods and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of depreciable electric plant in service. The accounts and their amortization periods are as follows:

| Account | | Amortization Period, Years |
|---|---|---|
| ELECTRIC PLANT | | |
| 391.00 | Office Furniture and Equipment | 15 |
| 391.10 | Office Furniture and Equipment - EDP | 8 |
| 393.00 | Stores Equipment | 20 |
| 394.00 | Tools, Shop and Garage Equipment | 20 |
| 395.00 | Laboratory Equipment | 15 |
| 397.00 | Communication Equipment | 10 |
| 398.00 | Miscellaneous Equipment | 20 |

For the purpose of calculating annual amortization amounts as of December 31, 2011, the book or ratemaking book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

# PART III. RESULTS OF STUDY

# PART III. RESULTS OF STUDY

## QUALIFICATION OF RESULTS

The calculated annual depreciation accrual rates are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation using the annual service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric plant in service as of December 31, 2011. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2011, is reasonable for a period of three to five years.

## DESCRIPTION OF STATISTICAL SUPPORT

The service life and salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric utility companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form. The charts depict the estimated smooth survivor curve and original survivor curve(s), when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

## DESCRIPTION OF DEPRECIATION TABULATIONS

Summary schedules of the results of the study, as applied to the original cost of electric plant at December 31, 2011, are presented on pages III-4 through III-15 of this report. Schedule 1 sets forth a comparison by function of proposed to current accrual rates as of December 31, 2011. Schedule 2 sets forth a comparison by depreciable group of the remaining life accrual rates recommended in this study to the current depreciation rates in use. Schedule 3 sets forth the original cost, the book reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to electric plant in service at December 31, 2011.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Depreciation Calculations." The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life and the calculated annual accrual amount.

## DUKE ENERGY CAROLINAS
## SCHEDULE 1. COMPARISON BY FUNCTION OF PROPOSED VS CURRENT ACCRUAL RATES AS OF DECEMBER 31, 2011

| Description | | Original Cost at December 31, 2011 | Current Accrual Rate | Current Annualized Amount | Proposed Accrual Rate | Proposed Annualized Amount | Accrual Rate Change | Annualized Accrual Change |
|---|---|---|---|---|---|---|---|---|
| (1) | | (2) | (3) | (4)=(2)*(3) | (5) | (6) | (7)=(5)-(3) | (8)=(6)-(4) |
| Steam | *1 | 4,643,802,088 | *3 | 165,783,735 | *3 | 191,183,909 | *3 | 25,400,174 |
| Nuclear | *2 | 5,798,683,188 | 2.35% | 136,269,055 | 2.72% | 157,503,835 | 0.37% | 21,234,780 |
| Hydro | | 1,937,377,866 | 3.44% | 66,645,799 | 1.87% | 36,284,193 | (1.57%) | (30,361,606) |
| Other | | 1,713,703,552 | 3.62% | 62,036,069 | 2.97% | 50,879,297 | (0.65%) | (11,156,772) |
| **Subtotal Production** | | **14,093,566,694** | | **430,734,658** | | **435,851,234** | | **5,116,576** |
| Transmission | | 2,518,964,848 | 2.03% | 51,134,986 | 2.12% | 53,407,932 | 0.09% | 2,272,946 |
| Distribution | | 8,898,334,743 | 2.33% | 207,331,200 | 2.22% | 197,685,226 | (0.11%) | (9,645,974) |
| General Plant | | 688,469,269 | *3 | 60,963,987 | *3 | 57,413,719 | *3 | (3,550,268) |
| Depreciable Land Rights | | 187,803,252 | *3 | 2,349,702 | *3 | 2,290,682 | *3 | (59,020) |
| **Total Depreciable Plant** | | **26,387,138,806** | | **752,514,533** | | **746,648,793** | | **(5,865,740)** |

*1 Steam production accruals presented exclude $1,042,706,753 from original cost related to fully depreciated Clean Air expenditures and $124,039,112 from original cost for Cliffside Units 1 - 4.

*2 Nuclear Decommissioning is NOT included as part of this study. Nuclear cost reflects original construction cost for the current ownership share of Catawba Nuclear Station.

*3 See Schedule 2

NOTE - Proposed accruals may not tie to detail schedules due to rounding of the depreciation rate.

**DUKE ENERGY CAROLINAS**

**SCHEDULE 2. COMPARISON BY DEPRECIABLE GROUP OF PROPOSED VS CURRENT ACCRUAL RATES AS OF DECEMBER 31, 2011**

| Depreciable Group | Description | Original Cost at December 31, 2011 | Current Accrual Rate | Current Annualized Amount | Proposed Accrual Rate | Proposed Annualized Amount | Accrual Rate Change | Annualized Accrual Change |
|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4)=(2)*(3) | (5)=(6)/(2) | (6) | (7)=(5)-(3) | (8)=(6)-(4) |
| 311-316 | BUCK STEAM | 149,625,016 | 3.57% | 5,341,613 | 14.73% | 22,042,148 | 11.16% | 16,700,534 |
| | OTHER STEAM PLANT (Excl Clean Air Facilities 312.10) | 4,494,177,072 | 3.57% | 160,442,121 | 3.76% | 169,141,761 *1 | 0.19% | 8,699,640 |
| | **TOTAL STEAM PLANT (Excl Clean Air Facilities 312.10)** | 4,643,802,088 | | 165,783,735 | | 191,183,909 | | 25,400,174 |
| 321-325 | **NUCLEAR PLANT** | 5,798,683,188 | 2.35% | 136,269,055 | 2.72% | 157,503,835 *2 | 0.37% | 21,234,780 |
| 331-336 | **HYDRAULIC PLANT** | 1,937,377,866 | 3.44% | 66,645,799 | 1.87% | 36,284,193 | (1.57%) | (30,361,606) |
| 341-346 | **OTHER PRODUCTION** | 1,713,703,552 | 3.62% | 62,036,069 | 2.97% | 50,879,297 | (0.65%) | (11,156,772) |
| | **TOTAL PRODUCTION** | **14,093,566,694** | | **430,734,657** | | **435,851,234** | | **5,116,577** |
| 351-359 | **TRANSMISSION PLANT** | 2,518,964,848 | 2.03% | 51,134,986 | 2.12% | 53,407,932 | 0.09% | 2,272,946 |
| 361-373 | **DISTRIBUTION PLANT** | 8,898,334,743 | 2.33% | 207,331,200 | 2.22% | 197,685,226 | (0.11%) | (9,645,974) |
| | **GENERAL PLANT** | | | | | | | |
| 390 | STRUCTURES AND IMPROVEMENTS | 428,062,119 | 3.46% | 14,810,949 | 2.96% | 12,662,529 | (0.50%) | (2,148,420) |
| 391 | OFFICE FURNITURE AND EQUIPMENT | 26,150,819 | 8.86% | 2,316,963 | 12.94% | 3,384,503 | 4.08% | 1,067,540 |
| 391.1 | OFFICE FURNITURE AND EQUIPMENT - EDP | 44,511,332 | 12.50% | 5,563,917 | 36.80% | 16,378,284 | 24.30% | 10,814,367 |
| | EDP RESERVE IMBALANCE - Catch up | - | N/A | 3,957,081 | - | - | N/A | (3,957,081) |
| 392 | TRANSPORTATION EQUIPMENT | 12,624,770 | 21.69% | 2,738,313 | 13.40% | 1,691,719 | (8.29%) | (1,046,594) |
| 393 | STORES EQUIPMENT | 5,358,958 | 6.79% | 363,873 | 2.80% | 150,006 | (3.99%) | (213,867) |
| 394 | TOOLS, SHOP AND GARAGE EQUIPMENT | 43,767,966 | 5.72% | 2,503,528 | 6.61% | 2,894,283 | 0.89% | 390,755 |
| 395 | LABORATORY EQUIPMENT | 8,832,686 | 8.52% | 752,545 | 13.39% | 1,182,402 | 4.87% | 429,857 |
| 396 | POWER OPERATED EQUIPMENT | 16,636,585 | 19.40% | 3,227,497 | 10.83% | 1,801,742 | (8.57%) | (1,425,755) |
| 397 | COMMUNICATION EQUIPMENT | 99,656,357 | 24.61% | 24,525,429 | 17.08% | 17,022,209 | (7.53%) | (7,503,220) |
| 398 | MISCELLANEOUS EQUIPMENT | 2,867,676 | 7.11% | 203,892 | 8.58% | 246,042 | 1.47% | 42,150 |
| | **TOTAL GENERAL PLANT** | **688,469,269** | | **60,963,987** | | **57,413,719** | | **(3,550,267)** |
| 310 | LAND RIGHTS | 2,063,133 | 1.44% | 29,709 | 0.00% | - | (1.44%) | (29,709) |
| 320 | LAND RIGHTS | 956,542 | 0.81% | 7,748 | 1.78% | 17,038 | 0.97% | 9,290 |
| 330 | LAND RIGHTS | 23,589,733 | 1.81% | 426,974 | 0.64% | 150,594 | (1.17%) | (276,380) |
| 350 | LAND RIGHTS | 153,480,590 | 1.16% | 1,780,375 | 1.30% | 2,000,147 | 0.14% | 219,772 |
| 360 | LAND RIGHTS | 7,162,963 | 1.32% | 94,551 | 1.60% | 114,465 | 0.28% | 19,914 |
| 389 | LAND RIGHTS | 550,291 | 1.88% | 10,345 | 1.53% | 8,438 | (0.35%) | (1,907) |
| | **TOTAL DEPRECIABLE LAND RIGHTS** | **187,803,252** | | **2,349,702** | | **2,290,682** | | **(59,020)** |
| | **TOTAL DEPRECIABLE PLANT** | **26,387,138,805** | | **752,514,531** | | **746,648,793** | | **(5,865,738)** |
| | CLIFFSIDE 1-4 STEAM | 124,039,112 | 3.57% | 4,428,196 | 0.00% | - | (3.57%) | (4,428,196) |
| | CLEAN AIR FACILITIES | 1,042,706,753 | 0.00% | - | 0.00% | - | N/A | - |
| | **NONDEPRECIABLE PLANT** | | | | | | | |
| 310 | LAND | 25,532,841 | | | | | | |
| 320 | LAND | 2,207,787 | | | | | | |
| 330 | LAND | 28,098,869 | | | | | | |
| 340 | LAND | 9,125,513 | | | | | | |
| 350 | LAND | 26,565,951 | | | | | | |
| 360 | LAND | 50,500,855 | | | | | | |
| 389 | LAND | 21,507,767 | | | | | | |
| | **TOTAL NONDEPRECIABLE PLANT** | **163,539,583** | | | | | | |
| | **TOTAL ELECTRIC PLANT** | **27,717,424,255** | | | | | | |

*1 Steam production accruals presented exclude $1,042,706,753 from original cost related to fully depreciated Clean Air expenditures and $124,039,112 from original cost for Cliffside Units 1 - 4.
*2 Nuclear Decommissioning is NOT included as part of this study. Nuclear cost reflects original construction cost for the current ownership share of Catawba Nuclear Station.

NOTE - Proposed accruals may not tie to detail schedules due to rounding of the depreciation rate.

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| | **STEAM PRODUCTION PLANT** | | | | | | | | | |
| 311.00 | STRUCTURES AND IMPROVEMENTS | | | | | | | | | |
| | MARSHALL | 80-S0 | * | (7) | 72,027,217.28 | 26,923,576 | 50,145,546 | 2,029,738 | 2.82 | 24.7 |
| | RIVERBEND | 80-S0 | * | (7) | 20,483,875.70 | 19,576,092 | 2,341,655 | 675,935 | 3.30 | 3.5 |
| | BELEWS CREEK | 80-S0 | * | (7) | 252,601,945.62 | 70,853,986 | 199,430,096 | 6,501,747 | 2.57 | 30.7 |
| | DAN RIVER | 80-S0 | * | (7) | 15,941,639.06 | 16,625,649 | 431,905 | 431,905 | 2.71 | 1.0 |
| | CLIFFSIDE 5 | 80-S0 | * | (7) | 37,644,794.11 | 14,089,106 | 26,190,824 | 939,797 | 2.50 | 27.9 |
| | LEE | 80-S0 | * | (7) | 27,340,903.43 | 14,182,085 | 15,072,682 | 1,796,038 | 6.57 | 8.4 |
| | CLIFFSIDE 6 | 80-S0 | * | (7) | 11,974,351.91 | 543,047 | 12,269,510 | 358,548 | 2.99 | 34.2 |
| | ALLEN | 80-S0 | * | (7) | 45,653,151.34 | 22,979,913 | 25,868,959 | 1,630,843 | 3.57 | 15.9 |
| | TOTAL STRUCTURES AND IMPROVEMENTS | | | | 483,667,878.45 | 185,773,454 | 331,751,177 | 14,364,551 | 2.97 | 23.1 |
| 312.00 | BOILER PLANT EQUIPMENT | | | | | | | | | |
| | MARSHALL | 45-R2 | * | (10) | 574,131,327.25 | 157,391,178 | 474,153,282 | 20,299,271 | 3.54 | 23.4 |
| | RIVERBEND | 45-R2 | * | (10) | 119,783,845.89 | 107,093,608 | 24,668,622 | 7,181,537 | 6.00 | 3.4 |
| | BELEWS CREEK | 45-R2 | * | (10) | 712,215,205.19 | 210,399,306 | 573,037,420 | 21,155,378 | 2.97 | 27.1 |
| | DAN RIVER | 45-R2 | * | (10) | 70,579,220.91 | 71,207,401 | 6,429,742 | 6,429,742 | 9.11 | 1.0 |
| | CLIFFSIDE 5 | 45-R2 | * | (10) | 552,713,781.39 | 72,704,438 | 535,280,722 | 19,584,450 | 3.54 | 27.3 |
| | LEE | 45-R2 | * | (10) | 77,680,097.94 | 52,421,680 | 33,026,428 | 4,103,017 | 5.28 | 8.0 |
| | CLIFFSIDE 6 | 45-R2 | * | (10) | 209,199,346.62 | 9,052,769 | 221,066,512 | 6,783,377 | 3.24 | 32.6 |
| | ALLEN | 45-R2 | * | (10) | 816,425,062.86 | 211,550,285 | 686,517,284 | 43,578,855 | 5.34 | 15.8 |
| | SHARED DEPARTMENT PLANT | 45-R2 | * | (10) | 541,179.59 | 16,703 | 578,595 | 17,704 | 3.27 | 32.7 |
| | TOTAL BOILER PLANT EQUIPMENT | | | | 3,133,269,067.64 | 891,837,368 | 2,554,758,607 | 129,133,331 | 4.12 | 19.8 |
| 312.10 | BOILER PLANT EQUIPMENT - CLEAN AIR FACILITIES | FULLY ACCRUED | | | 1,042,706,753.19 | 1,146,977,429 | 0 | 0 | - | - |
| 314.00 | TURBOGENERATOR UNITS | | | | | | | | | |
| | MARSHALL | 60-S0.5 | * | (5) | 127,764,433.10 | 51,694,891 | 82,457,764 | 3,428,673 | 2.68 | 24.0 |
| | RIVERBEND | 60-S0.5 | * | (5) | 47,033,852.65 | 48,024,219 | 1,361,326 | 390,255 | 0.83 | 3.5 |
| | BELEWS CREEK | 60-S0.5 | * | (5) | 178,133,624.92 | 43,806,513 | 143,233,793 | 4,763,756 | 2.67 | 30.1 |
| | DAN RIVER | 60-S0.5 | * | (5) | 27,324,622.05 | 28,690,853 | 0 | 0 | - | - |
| | CLIFFSIDE 5 | 60-S0.5 | * | (5) | 50,698,939.51 | 16,561,179 | 36,672,707 | 1,333,477 | 2.63 | 27.5 |
| | LEE | 60-S0.5 | * | (5) | 19,812,837.71 | 17,227,126 | 3,576,354 | 426,409 | 2.15 | 8.4 |
| | CLIFFSIDE 6 | 60-S0.5 | * | (5) | 3,615,535.61 | 65,739 | 3,730,573 | 110,339 | 3.05 | 33.8 |
| | ALLEN | 60-S0.5 | * | (5) | 61,414,655.33 | 45,632,972 | 18,852,416 | 1,229,739 | 2.00 | 15.3 |
| | SHARED DEPARTMENT PLANT | 60-S0.5 | * | (5) | 433,469.60 | 21,264 | 433,879 | 12,901 | 2.98 | 33.6 |
| | TOTAL TURBOGENERATOR UNITS | | | | 516,231,970.48 | 251,724,756 | 290,318,812 | 11,695,549 | 2.27 | 24.8 |
| 315.00 | ACCESSORY ELECTRIC EQUIPMENT | | | | | | | | | |
| | MARSHALL | 45-S1 | * | (3) | 65,073,652.67 | 27,676,817 | 39,349,045 | 1,844,937 | 2.84 | 21.3 |
| | RIVERBEND | 45-S1 | * | (3) | 24,861,657.34 | 21,285,764 | 4,321,743 | 1,256,453 | 5.05 | 3.4 |
| | BELEWS CREEK | 45-S1 | * | (3) | 57,815,269.29 | 19,737,225 | 39,812,502 | 1,553,160 | 2.69 | 25.6 |
| | DAN RIVER | 45-S1 | * | (3) | 12,920,387.42 | 12,843,763 | 464,236 | 464,238 | 3.59 | 1.0 |
| | CLIFFSIDE 5 | 45-S1 | * | (3) | 23,086,363.01 | 9,406,834 | 14,372,120 | 617,860 | 2.68 | 23.3 |
| | LEE | 45-S1 | * | (3) | 29,725,315.91 | 20,913,599 | 9,703,476 | 1,204,000 | 4.05 | 8.1 |
| | ALLEN | 45-S1 | * | (3) | 54,489,180.13 | 27,759,131 | 28,364,725 | 1,917,458 | 3.52 | 14.8 |
| | TOTAL ACCESSORY ELECTRIC EQUIPMENT | | | | 267,971,825.77 | 139,623,133 | 136,387,847 | 8,858,106 | 3.31 | 15.4 |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT (1) | SURVIVOR CURVE (2) | NET SALVAGE PERCENT (3) | ORIGINAL COST AS OF DECEMBER 31, 2011 (4) | BOOK RESERVE (5) | FUTURE ACCRUALS (6) | CALCULATED ANNUAL ACCRUAL AMOUNT (7) | CALCULATED ANNUAL ACCRUAL RATE (8)=(7)/(4) | COMPOSITE REMAINING LIFE (9)=(6)/(7) |
|---|---|---|---|---|---|---|---|---|---|
| 316.00 | MISCELLANEOUS POWER PLANT EQUIPMENT | | | | | | | | |
| | MARSHALL | 55-R2 * | (2) | 31,300,118.04 | 6,244,072 | 25,682,048 | 1,035,151 | 3.31 | 24.8 |
| | RIVERBEND | 55-R2 * | (2) | 11,418,599.03 | 8,421,288 | 3,225,683 | 928,505 | 8.13 | 3.5 |
| | BELEWS CREEK | 55-R2 * | (2) | 13,902,264.27 | 2,747,393 | 11,432,917 | 378,154 | 2.72 | 30.2 |
| | DAN RIVER | 55-R2 * | (2) | 8,534,864.49 | 7,041,267 | 1,664,295 | 1,664,294 | 19.50 | 1.0 |
| | CLIFFSIDE 5 | 55-R2 * | (2) | 9,695,999.57 | 2,631,869 | 7,258,051 | 264,067 | 2.72 | 27.5 |
| | LEE | 55-R2 * | (2) | 6,278,473.93 | 3,567,635 | 2,836,408 | 340,479 | 5.42 | 8.3 |
| | ALLEN | 55-R2 * | (2) | 11,895,825.71 | 4,544,933 | 7,588,809 | 479,295 | 4.03 | 15.8 |
| | SHARED DEPARTMENT PLANT | 55-R2 * | (2) | 10,184.84 | 1,075 | 9,314 | 279 | 2.74 | 33.4 |
| | TOTAL MISCELLANEOUS POWER PLANT EQUIPMENT | | | 93,036,329.88 | 35,199,532 | 59,697,525 | 5,090,224 | 5.47 | 11.7 |
| | **TOTAL STEAM PRODUCTION PLANT** | | | **5,536,883,825.41** | **2,651,135,672** | **3,372,913,968** | **169,141,761** | **3.05** | **19.9** |
| | **TOTAL STEAM PRODUCTION PLANT (excluding Clean Air Facilities 312.10)** | | | **4,494,177,072.22** | **1,504,158,243** | **3,372,913,968** | **169,141,761** | **3.76** | **19.9** |
| | NUCLEAR PRODUCTION PLANT | | | | | | | | |
| 321.00 | STRUCTURES AND IMPROVEMENTS | | | | | | | | |
| | OCONEE | 80-S0 * | (5) | 610,815,289.22 | 230,945,098 | 410,410,956 | 19,945,335 | 3.27 | 20.6 |
| | MCGUIRE | 80-S0 * | (5) | 594,290,380.03 | 292,461,990 | 331,542,909 | 12,054,677 | 2.03 | 27.5 |
| | CATAWBA | 80-S0 * | (5) | 202,285,861.41 | 97,807,205 | 114,592,949 | 4,053,150 | 2.00 | 28.3 |
| | TOTAL STRUCTURES AND IMPROVEMENTS | | | 1,407,391,530.66 | 621,214,293 | 856,546,814 | 36,053,162 | 2.56 | 23.8 |
| 322.00 | REACTOR PLANT EQUIPMENT | | | | | | | | |
| | OCONEE | 55-S0.5 * | (7) | 1,120,918,548.45 | 387,417,867 | 811,964,980 | 40,264,230 | 3.59 | 20.2 |
| | MCGUIRE | 55-S0.5 * | (7) | 1,320,231,533.51 | 647,490,832 | 765,156,909 | 30,087,447 | 2.28 | 25.4 |
| | CATAWBA | 55-S0.5 * | (7) | 365,151,410.82 | 176,699,703 | 214,012,307 | 8,217,733 | 2.25 | 26.0 |
| | TOTAL REACTOR PLANT EQUIPMENT | | | 2,806,301,492.78 | 1,211,608,402 | 1,791,134,196 | 78,569,410 | 2.80 | 22.8 |
| 323.00 | TURBOGENERATOR UNITS | | | | | | | | |
| | OCONEE | 50-R1 * | (10) | 263,651,369.04 | 107,584,324 | 182,432,182 | 9,336,865 | 3.54 | 19.5 |
| | MCGUIRE | 50-R1 * | (10) | 341,987,770.36 | 185,522,208 | 190,664,339 | 7,783,450 | 2.28 | 24.5 |
| | CATAWBA | 50-R1 * | (10) | 83,788,983.86 | 42,247,106 | 49,920,776 | 1,962,679 | 2.34 | 25.4 |
| | TOTAL TURBOGENERATOR UNITS | | | 689,428,123.26 | 335,353,638 | 423,017,297 | 19,082,994 | 2.77 | 22.2 |
| 324.00 | ACCESSORY ELECTRIC EQUIPMENT | | | | | | | | |
| | OCONEE | 45-S1 * | (5) | 226,742,323.05 | 97,922,068 | 140,157,371 | 7,330,078 | 3.23 | 19.1 |
| | MCGUIRE | 45-S1 * | (5) | 192,609,028.93 | 102,014,944 | 100,224,536 | 4,554,059 | 2.36 | 22.0 |
| | CATAWBA | 45-S1 * | (5) | 68,817,575.27 | 37,231,060 | 35,027,394 | 1,583,245 | 2.30 | 22.1 |
| | TOTAL ACCESSORY ELECTRIC EQUIPMENT | | | 488,168,927.25 | 237,168,072 | 275,409,301 | 13,467,382 | 2.76 | 20.5 |
| 325.00 | MISCELLANEOUS PLANT EQUIPMENT | | | | | | | | |
| | OCONEE | 55-R2 * | (2) | 178,864,799.14 | 75,610,179 | 106,831,916 | 5,259,966 | 2.94 | 20.3 |
| | MCGUIRE | 55-R2 * | (2) | 185,847,249.26 | 79,189,662 | 110,374,532 | 4,095,930 | 2.20 | 26.9 |
| | CATAWBA | 55-R2 * | (2) | 42,563,360.74 | 16,148,346 | 27,266,282 | 972,333 | 2.28 | 28.0 |
| | SHARED DEPARTMENT PLANT | 55-R2 * | (2) | 117,705.00 | 45,116 | 74,943 | 2,658 | 2.26 | 28.2 |
| | TOTAL MISCELLANEOUS PLANT EQUIPMENT | | | 407,393,114.14 | 170,993,303 | 244,547,673 | 10,330,887 | 2.54 | 23.7 |
| | **TOTAL NUCLEAR PRODUCTION PLANT** | | | **5,798,683,188.09** | **2,576,337,708** | **3,590,655,281** | **157,503,835** | **2.72** | **22.8** |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| | HYDRAULIC PRODUCTION PLANT | | | | | | | | |
| 331.00 | STRUCTURES AND IMPROVEMENTS | | | | | | | | |
| | COWANS FORD | 80-R3 * | (10) | 13,996,743.36 | 7,294,335 | 8,102,083 | 190,700 | 1.36 | 42.5 |
| | BAD CREEK | 80-R3 * | (10) | 224,866,953.49 | 96,882,809 | 150,470,840 | 3,517,951 | 1.56 | 42.8 |
| | JOCASSEE | 80-R3 * | (10) | 19,902,576.58 | 13,233,898 | 8,658,936 | 274,750 | 1.38 | 31.5 |
| | KEOWEE | 80-R3 * | (10) | 7,992,211.86 | 5,359,701 | 3,431,732 | 109,654 | 1.37 | 31.3 |
| | FISHING CREEK | 80-R3 * | (10) | 4,319,746.33 | 1,117,214 | 3,634,507 | 76,607 | 1.77 | 47.4 |
| | CEDAR CREEK | 80-R3 * | (10) | 2,626,742.38 | 831,720 | 2,057,697 | 43,612 | 1.66 | 47.2 |
| | BRIDGEWATER | 80-R3 * | (10) | 149,274,756.81 | 2,457,294 | 161,744,938 | 3,303,825 | 2.21 | 49.0 |
| | GASTON SHOALS | 80-R3 * | (10) | 594,965.09 | 325,508 | 328,954 | 13,622 | 2.29 | 24.1 |
| | LOOKOUT SHOALS | 80-R3 * | (10) | 2,428,097.95 | 757,207 | 1,913,701 | 40,752 | 1.68 | 47.0 |
| | MOUNTAIN ISLAND | 80-R3 * | (10) | 2,024,567.61 | 538,780 | 1,688,244 | 35,404 | 1.75 | 47.7 |
| | 99 ISLANDS | 80-R3 * | (10) | 831,768.00 | 381,413 | 533,532 | 22,123 | 2.66 | 24.1 |
| | OXFORD | 80-R3 * | (10) | 3,798,244.83 | 1,131,892 | 3,046,177 | 64,626 | 1.70 | 47.1 |
| | RHODHISS | 80-R3 * | (10) | 3,828,905.32 | 970,527 | 3,241,269 | 68,136 | 1.78 | 47.6 |
| | TUXEDO | 80-R3 * | (10) | 162,784.96 | 115,851 | 63,212 | 2,215 | 1.36 | 28.5 |
| | WATEREE | 80-R3 * | (10) | 7,872,585.92 | 2,774,808 | 5,885,037 | 126,556 | 1.61 | 46.5 |
| | WYLIE | 80-R3 * | (10) | 6,370,502.43 | 1,791,469 | 5,216,084 | 110,190 | 1.73 | 47.3 |
| | GREAT FALLS | 80-R3 * | (10) | 346,997.17 | 276,315 | 105,382 | 2,169 | 0.63 | 48.6 |
| | ROCKY CREEK | 80-R3 * | (10) | 1,273,793.00 | 580,760 | 820,412 | 17,293 | 1.36 | 47.4 |
| | DEARBORN | 80-R3 * | (10) | 2,124,309.00 | 706,996 | 1,629,744 | 34,856 | 1.64 | 46.8 |
| | NPL BEAR CREEK | 80-R3 * | (10) | 100,084.34 | 84,656 | 25,437 | 993 | 0.99 | 25.6 |
| | NPL BRYSON | 80-R3 * | (10) | 18,925.00 | 18,175 | 2,642 | 112 | 0.59 | 23.6 |
| | NPL CEDAR CLIFF | 80-R3 * | (10) | 99,094.93 | 76,410 | 32,594 | 1,224 | 1.24 | 26.6 |
| | NPL DILLSBORO | 80-R3 * | (10) | 307,587.91 | 338,347 | 0 | 0 | - | - |
| | NPL FRANKLIN | 80-R3 * | (10) | 55,848.00 | 53,161 | 8,272 | 287 | 0.51 | 28.8 |
| | NPL MISSION | 80-R3 * | (10) | 95,497.66 | 57,843 | 47,204 | 1,617 | 1.69 | 29.2 |
| | NPL NANTAHALA | 80-R3 * | (10) | 578,485.39 | 478,171 | 158,163 | 5,441 | 0.94 | 29.1 |
| | NPL QUEENS CREEK | 80-R3 * | (10) | 34,462.00 | 22,721 | 15,187 | 747 | 2.17 | 20.3 |
| | NPL TENNESSEE CREEK | 80-R3 * | (10) | 159,717.68 | 115,285 | 60,404 | 2,180 | 1.36 | 27.7 |
| | NPL THORPE | 80-R3 * | (10) | 983,779.34 | 789,482 | 292,675 | 10,256 | 1.04 | 28.5 |
| | NPL TUCKASEGEE | 80-R3 * | (10) | 89,990.34 | 82,118 | 16,871 | 653 | 0.73 | 25.8 |
| | SHARED DEPARTMENT PLANT | 80-R3 * | (10) | 27,830.67 | 5,147 | 25,467 | 846 | 3.04 | 30.1 |
| | TOTAL STRUCTURES AND IMPROVEMENTS | | | 457,188,555.35 | 139,650,013 | 363,257,397 | 8,079,397 | 1.77 | 45.0 |
| 332.00 | RESERVOIRS, DAMS AND WATERWAYS | | | | | | | | |
| | COWANS FORD | 100-S2.5 * | (20) | 21,464,760.00 | 14,377,016 | 11,380,696 | 258,170 | 1.20 | 44.1 |
| | BAD CREEK | 100-S2.5 * | (20) | 455,066,498.56 | 208,251,585 | 337,828,213 | 7,515,827 | 1.65 | 44.9 |
| | JOCASSEE | 100-S2.5 * | (20) | 49,637,145.83 | 38,931,016 | 20,633,559 | 634,244 | 1.28 | 32.5 |
| | KEOWEE | 100-S2.5 * | (20) | 17,440,014.34 | 13,763,845 | 7,164,172 | 221,038 | 1.27 | 32.4 |
| | FISHING CREEK | 100-S2.5 * | (20) | 15,175,945.00 | 4,771,943 | 13,439,191 | 274,790 | 1.81 | 48.9 |
| | CEDAR CREEK | 100-S2.5 * | (20) | 3,709,517.00 | 1,908,163 | 2,543,257 | 53,937 | 1.45 | 47.2 |
| | BRIDGEWATER | 100-S2.5 * | (20) | 93,405,987.78 | 11,975,965 | 100,111,220 | 2,010,978 | 2.15 | 49.8 |
| | GASTON SHOALS | 100-S2.5 * | (20) | 5,948,224.00 | 2,763,570 | 4,374,299 | 178,875 | 3.01 | 24.5 |
| | LOOKOUT SHOALS | 100-S2.5 * | (20) | 5,422,567.00 | 2,659,380 | 3,847,700 | 80,159 | 1.48 | 48.0 |
| | MOUNTAIN ISLAND | 100-S2.5 * | (20) | 5,531,690.00 | 3,554,222 | 3,083,806 | 67,875 | 1.23 | 45.4 |
| | 99 ISLANDS | 100-S2.5 * | (20) | 11,751,065.00 | 4,938,838 | 9,162,440 | 374,622 | 3.19 | 24.5 |
| | OXFORD | 100-S2.5 * | (20) | 20,339,256.00 | 6,172,670 | 18,234,437 | 371,870 | 1.83 | 49.0 |
| | RHODHISS | 100-S2.5 * | (20) | 7,356,916.00 | 2,842,072 | 5,986,227 | 123,443 | 1.68 | 48.5 |
| | TUXEDO | 100-S2.5 * | (20) | 5,935,643.49 | 3,530,518 | 3,592,254 | 123,028 | 2.07 | 29.2 |
| | WATEREE | 100-S2.5 * | (20) | 13,298,778.00 | 6,262,254 | 9,696,280 | 202,309 | 1.52 | 47.9 |
| | WYLIE | 100-S2.5 * | (20) | 15,928,542.00 | 6,207,348 | 12,906,902 | 266,950 | 1.68 | 48.3 |
| | GREAT FALLS | 100-S2.5 * | (20) | 3,039,010.00 | 1,946,965 | 1,699,847 | 36,020 | 1.19 | 47.2 |
| | ROCKY CREEK | 100-S2.5 * | (20) | 6,055,126.00 | 2,084,941 | 5,181,210 | 105,373 | 1.74 | 49.2 |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| 332.00 | RESERVOIRS, DAMS AND WATERWAYS, CONT. | | | | | | | | |
| | DEARBORN | 100-S2.5 * | (20) | 1,274,366.00 | 744,270 | 784,969 | 16,877 | 1.32 | 46.5 |
| | NPL BEAR CREEK | 100-S2.5 * | (20) | 2,511,082.00 | 2,319,554 | 693,744 | 25,501 | 1.02 | 27.2 |
| | NPL BRYSON | 100-S2.5 * | (20) | 247,774.00 | 224,574 | 72,755 | 2,668 | 1.08 | 27.3 |
| | NPL CEDAR CLIFF | 100-S2.5 * | (20) | 2,112,155.00 | 1,630,386 | 904,200 | 31,841 | 1.51 | 28.4 |
| | NPL FRANKLIN | 100-S2.5 * | (20) | 209,765.33 | 127,197 | 124,521 | 4,323 | 2.06 | 28.8 |
| | NPL MISSION | 100-S2.5 * | (20) | 1,518,038.59 | 799,424 | 1,022,222 | 34,989 | 2.30 | 29.2 |
| | NPL NANTAHALA | 100-S2.5 * | (20) | 10,116,299.12 | 9,396,124 | 2,743,435 | 98,953 | 0.98 | 27.7 |
| | NPL QUEENS CREEK | 100-S2.5 * | (20) | 443,789.00 | 443,200 | 89,347 | 4,507 | 1.02 | 19.8 |
| | NPL TENNESSEE CREEK | 100-S2.5 * | (20) | 3,599,681.00 | 3,480,304 | 839,313 | 31,577 | 0.88 | 26.6 |
| | NPL THORPE | 100-S2.5 * | (20) | 4,897,153.00 | 5,236,251 | 640,333 | 26,670 | 0.54 | 24.0 |
| | NPL TUCKASEGEE | 100-S2.5 * | (20) | 637,985.00 | 649,863 | 115,719 | 4,542 | 0.71 | 25.5 |
| | SHARED DEPARTMENT PLANT | 100-S2.5 * | (20) | 324,568.00 | 146,433 | 243,049 | 8,013 | 2.47 | 30.3 |
| | TOTAL RESERVOIRS, DAMS AND WATERWAY | | | 784,399,342.04 | 362,139,891 | 579,139,317 | 13,189,969 | 1.68 | 43.9 |
| 333.00 | WATER WHEELS, TURBINES AND GENERATORS | | | | | | | | |
| | COWANS FORD | 70-S0.5 * | (20) | 21,915,163.16 | 12,029,642 | 14,268,554 | 382,895 | 1.75 | 37.3 |
| | BAD CREEK | 70-S0.5 * | (20) | 233,688,019.98 | 106,209,895 | 174,215,729 | 4,619,929 | 1.98 | 37.7 |
| | JOCASSEE | 70-S0.5 * | (20) | 71,583,293.38 | 22,853,344 | 63,046,608 | 2,000,146 | 2.79 | 31.5 |
| | KEOWEE | 70-S0.5 * | (20) | 33,912,191.40 | 8,749,471 | 31,945,159 | 1,002,610 | 2.96 | 31.9 |
| | FISHING CREEK | 70-S0.5 * | (20) | 21,670,166.00 | 6,932,300 | 19,071,899 | 456,081 | 2.10 | 41.8 |
| | CEDAR CREEK | 70-S0.5 * | (20) | 12,198,826.00 | 3,704,278 | 10,934,313 | 259,917 | 2.13 | 42.1 |
| | BRIDGEWATER | 70-S0.5 * | (20) | 831.59 | 13 | 985 | 22 | 2.65 | 44.8 |
| | GASTON SHOALS | 70-S0.5 * | (20) | 3,332,481.55 | 2,026,709 | 1,972,269 | 87,270 | 2.62 | 22.6 |
| | LOOKOUT SHOALS | 70-S0.5 * | (20) | 8,570,486.50 | 3,333,217 | 6,951,367 | 170,524 | 1.99 | 40.8 |
| | MOUNTAIN ISLAND | 70-S0.5 * | (20) | 16,227,870.89 | 3,445,864 | 16,027,581 | 370,071 | 2.28 | 43.3 |
| | 99 ISLANDS | 70-S0.5 * | (20) | 10,364,700.99 | 2,664,970 | 9,772,671 | 415,188 | 4.01 | 23.5 |
| | OXFORD | 70-S0.5 * | (20) | 8,740,928.00 | 2,900,044 | 7,589,070 | 182,244 | 2.08 | 41.6 |
| | RHODHISS | 70-S0.5 * | (20) | 6,692,021.83 | 2,089,545 | 5,940,881 | 141,554 | 2.12 | 42.0 |
| | TUXEDO | 70-S0.5 * | (20) | 892,173.73 | 472,683 | 597,925 | 22,376 | 2.51 | 26.7 |
| | WATEREE | 70-S0.5 * | (20) | 21,583,841.09 | 6,991,634 | 18,908,975 | 452,415 | 2.10 | 41.8 |
| | WYLIE | 70-S0.5 * | (20) | 17,433,801.58 | 5,979,887 | 14,940,675 | 360,189 | 2.07 | 41.5 |
| | GREAT FALLS | 70-S0.5 * | (20) | 5,231,105.06 | 2,286,209 | 3,991,117 | 98,718 | 1.89 | 40.4 |
| | ROCKY CREEK | 70-S0.5 * | (20) | 2,086,940.28 | 1,504,117 | 1,000,211 | 26,935 | 1.29 | 37.1 |
| | DEARBORN | 70-S0.5 * | (20) | 11,258,118.43 | 3,963,981 | 9,545,761 | 231,005 | 2.05 | 41.3 |
| | NPL BEAR CREEK | 70-S0.5 * | (20) | 287,767.00 | 236,334 | 108,986 | 4,557 | 1.58 | 23.9 |
| | NPL BRYSON | 70-S0.5 * | (20) | 31,808.00 | 31,306 | 6,864 | 340 | 1.07 | 20.2 |
| | NPL CEDAR CLIFF | 70-S0.5 * | (20) | 251,134.00 | 195,911 | 105,450 | 4,310 | 1.72 | 24.5 |
| | NPL FRANKLIN | 70-S0.5 * | (20) | 329,835.94 | 59,207 | 336,596 | 12,008 | 3.64 | 28.0 |
| | NPL MISSION | 70-S0.5 * | (20) | 88,185.00 | 89,394 | 16,428 | 857 | 0.97 | 19.2 |
| | NPL NANTAHALA | 70-S0.5 * | (20) | 3,281,361.15 | 1,344,217 | 2,593,416 | 92,533 | 2.82 | 28.0 |
| | NPL QUEENS CREEK | 70-S0.5 * | (20) | 38,141.00 | 38,525 | 7,244 | 427 | 1.12 | 17.0 |
| | NPL TENNESSEE CREEK | 70-S0.5 * | (20) | 623,911.00 | 330,698 | 417,995 | 15,699 | 2.52 | 26.6 |
| | NPL THORPE | 70-S0.5 * | (20) | 435,285.10 | 406,880 | 115,462 | 5,341 | 1.23 | 21.6 |
| | NPL TUCKASEGEE | 70-S0.5 * | (20) | 137,454.00 | 126,582 | 38,363 | 1,743 | 1.27 | 22.0 |
| | SHARED DEPARTMENT PLANT | 70-S0.5 * | (20) | 836.52 | 124 | 880 | 30 | 3.59 | 29.3 |
| | TOTAL WATER WHEELS, TURBINES AND GENERATORS | | | 512,888,680.15 | 200,996,981 | 414,469,434 | 11,417,934 | 2.23 | 36.3 |
| 334.00 | ACCESSORY ELECTRIC EQUIPMENT | | | | | | | | |
| | COWANS FORD | 60-S1 * | (5) | 3,955,795.13 | 1,554,576 | 2,599,009 | 72,561 | 1.83 | 35.8 |
| | BAD CREEK | 60-S1 * | (5) | 56,532,335.20 | 22,357,264 | 37,001,688 | 1,057,878 | 1.87 | 35.0 |
| | JOCASSEE | 60-S1 * | (5) | 9,724,384.51 | 4,721,266 | 5,489,338 | 196,172 | 2.02 | 28.0 |
| | KEOWEE | 60-S1 * | (5) | 18,470,968.10 | 5,249,347 | 14,145,170 | 456,964 | 2.47 | 31.0 |
| | FISHING CREEK | 60-S1 * | (5) | 4,315,711.16 | 1,326,770 | 3,204,727 | 82,653 | 1.92 | 38.8 |
| | CEDAR CREEK | 60-S1 * | (5) | 3,207,200.26 | 816,306 | 2,551,254 | 63,601 | 1.98 | 40.1 |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| 334.00 | ACCESSORY ELECTRIC EQUIPMENT, CONT. | | | | | | | | |
| | GASTON SHOALS | 60-S1 * | (5) | 1,755,985.00 | 897,267 | 946,517 | 42,766 | 2.44 | 22.1 |
| | LOOKOUT SHOALS | 60-S1 * | (5) | 1,975,607.05 | 675,928 | 1,398,459 | 36,735 | 1.86 | 38.1 |
| | MOUNTAIN ISLAND | 60-S1 * | (5) | 2,525,270.00 | 527,272 | 2,124,262 | 51,356 | 2.03 | 41.4 |
| | 99 ISLANDS | 60-S1 * | (5) | 429,148.00 | 142,995 | 307,610 | 13,159 | 3.07 | 23.4 |
| | OXFORD | 60-S1 * | (5) | 3,410,162.11 | 1,039,802 | 2,540,868 | 65,510 | 1.92 | 38.8 |
| | RHODHISS | 60-S1 * | (5) | 2,220,000.27 | 605,689 | 1,725,311 | 43,433 | 1.96 | 39.7 |
| | TUXEDO | 60-S1 * | (5) | 439,776.00 | 235,448 | 226,317 | 9,104 | 2.07 | 24.9 |
| | WATEREE | 60-S1 * | (5) | 4,359,934.58 | 1,302,830 | 3,275,101 | 84,079 | 1.93 | 39.0 |
| | WYLIE | 60-S1 * | (5) | 3,388,058.36 | 1,073,818 | 2,483,643 | 64,346 | 1.90 | 38.6 |
| | GREAT FALLS | 60-S1 * | (5) | 846,794.00 | 405,709 | 483,425 | 13,556 | 1.60 | 35.7 |
| | ROCKY CREEK | 60-S1 * | (5) | 2,186,624.12 | 780,998 | 1,514,957 | 39,741 | 1.82 | 38.1 |
| | DEARBORN | 60-S1 * | (5) | 3,467,842.41 | 1,152,469 | 2,488,766 | 65,410 | 1.89 | 38.0 |
| | NPL BEAR CREEK | 60-S1 * | (5) | 122,800.40 | 58,416 | 70,524 | 2,796 | 2.28 | 25.2 |
| | NPL BRYSON | 60-S1 * | (5) | 9,734.00 | 6,938 | 3,283 | 159 | 1.63 | 20.6 |
| | NPL CEDAR CLIFF | 60-S1 * | (5) | 96,704.00 | 44,278 | 57,261 | 2,246 | 2.32 | 25.5 |
| | NPL FRANKLIN | 60-S1 * | (5) | 42,655.00 | 23,319 | 21,469 | 878 | 2.06 | 24.5 |
| | NPL MISSION | 60-S1 * | (5) | 50,985.00 | 22,350 | 31,184 | 1,210 | 2.37 | 25.8 |
| | NPL NANTAHALA | 60-S1 * | (5) | 1,496,227.00 | 482,123 | 1,088,915 | 39,197 | 2.62 | 27.8 |
| | NPL QUEENS CREEK | 60-S1 * | (5) | 179,321.00 | 92,352 | 95,935 | 5,017 | 2.80 | 19.1 |
| | NPL TENNESSEE CREEK | 60-S1 * | (5) | 189,220.67 | 78,493 | 120,189 | 4,626 | 2.44 | 26.0 |
| | NPL THORPE | 60-S1 * | (5) | 1,752,058.00 | 718,838 | 1,120,823 | 42,601 | 2.43 | 26.3 |
| | NPL TUCKASEGEE | 60-S1 * | (5) | 243,404.23 | 99,081 | 156,493 | 5,942 | 2.44 | 26.3 |
| | TOTAL ACCESSORY ELECTRIC EQUIPMENT | | | 127,394,705.56 | 46,491,942 | 87,272,498 | 2,563,696 | 2.01 | 34.0 |
| 335.00 | MISCELLANEOUS PLANT EQUIPMENT | | | | | | | | |
| | COWANS FORD | 50-S0.5 * | (10) | 1,010,250.64 | 331,455 | 779,821 | 22,421 | 2.22 | 34.8 |
| | BAD CREEK | 50-S0.5 * | (10) | 24,590,757.94 | 11,201,667 | 15,848,167 | 514,919 | 2.09 | 30.8 |
| | JOCASSEE | 50-S0.5 * | (10) | 2,322,439.33 | 1,145,959 | 1,408,724 | 53,308 | 2.30 | 26.4 |
| | KEOWEE | 50-S0.5 * | (10) | 777,448.97 | 452,318 | 402,876 | 16,140 | 2.08 | 25.0 |
| | FISHING CREEK | 50-S0.5 * | (10) | 215,740.05 | 65,301 | 172,013 | 4,862 | 2.25 | 35.4 |
| | CEDAR CREEK | 50-S0.5 * | (10) | 209,426.22 | 61,530 | 168,839 | 4,743 | 2.26 | 35.6 |
| | BRIDGEWATER | 50-S0.5 * | (10) | 109,602.27 | 4,928 | 115,634 | 2,853 | 2.60 | 40.5 |
| | GASTON SHOALS | 50-S0.5 * | (10) | 131,248.81 | 46,085 | 98,289 | 4,426 | 3.37 | 22.2 |
| | LOOKOUT SHOALS | 50-S0.5 * | (10) | 313,038.13 | 104,731 | 239,611 | 6,921 | 2.21 | 34.6 |
| | MOUNTAIN ISLAND | 50-S0.5 * | (10) | 319,551.28 | 107,315 | 244,191 | 7,061 | 2.21 | 34.6 |
| | 99 ISLANDS | 50-S0.5 * | (10) | 289,501.32 | 114,890 | 203,561 | 9,263 | 3.20 | 22.0 |
| | OXFORD | 50-S0.5 * | (10) | 308,437.00 | 105,560 | 233,721 | 6,784 | 2.20 | 34.5 |
| | RHODHISS | 50-S0.5 * | (10) | 537,398.36 | 125,252 | 465,886 | 12,619 | 2.35 | 36.9 |
| | TUXEDO | 50-S0.5 * | (10) | 151,499.52 | 68,831 | 97,818 | 3,964 | 2.62 | 24.7 |
| | WATEREE | 50-S0.5 * | (10) | 298,783.82 | 88,637 | 240,025 | 6,755 | 2.26 | 35.5 |
| | WYLIE | 50-S0.5 * | (10) | 318,989.56 | 89,212 | 261,677 | 7,288 | 2.28 | 35.9 |
| | GREAT FALLS | 50-S0.5 * | (10) | 382,698.63 | 147,545 | 273,423 | 8,195 | 2.14 | 33.4 |
| | ROCKY CREEK | 50-S0.5 * | (10) | 171,048.69 | 55,974 | 132,180 | 3,797 | 2.22 | 34.8 |
| | DEARBORN | 50-S0.5 * | (10) | 206,684.13 | 75,242 | 152,111 | 4,489 | 2.17 | 33.9 |
| | NPL BEAR CREEK | 50-S0.5 * | (10) | 130,122.06 | 34,109 | 109,025 | 4,157 | 3.19 | 26.2 |
| | NPL BRYSON | 50-S0.5 * | (10) | 54,433.89 | 8,838 | 51,039 | 1,902 | 3.49 | 26.8 |
| | NPL CEDAR CLIFF | 50-S0.5 * | (10) | 96,474.44 | 25,996 | 80,126 | 3,058 | 3.17 | 26.2 |
| | NPL FRANKLIN | 50-S0.5 * | (10) | 70,303.70 | 21,366 | 55,968 | 2,151 | 3.06 | 26.0 |
| | NPL MISSION | 50-S0.5 * | (10) | 7,556.00 | 5,295 | 3,017 | 128 | 1.69 | 23.6 |
| | NPL NANTAHALA | 50-S0.5 * | (10) | 530,848.63 | 172,115 | 411,818 | 15,416 | 2.90 | 26.7 |
| | NPL QUEENS CREEK | 50-S0.5 * | (10) | 201,666.98 | 83,898 | 137,936 | 7,280 | 3.61 | 18.9 |
| | NPL TENNESSEE CREEK | 50-S0.5 * | (10) | 69,763.55 | 32,702 | 44,038 | 1,790 | 2.57 | 24.6 |
| | NPL THORPE | 50-S0.5 * | (10) | 200,868.56 | 72,043 | 148,912 | 5,695 | 2.84 | 26.1 |
| | NPL TUCKASEGEE | 50-S0.5 * | (10) | 67,413.59 | 15,785 | 58,370 | 2,208 | 3.28 | 26.4 |
| | SHARED DEPARTMENT PLANT | 50-S0.5 * | (10) | 1,174,493.24 | 263,729 | 1,028,214 | 37,917 | 3.23 | 27.1 |
| | TOTAL MISCELLANEOUS PLANT EQUIPMENT | | | 35,268,489.31 | 15,128,308 | 23,667,030 | 782,510 | 2.22 | 30.2 |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| 336.00 | ROADS, RAILROADS AND BRIDGES | | | | | | | | | |
| | COWANS FORD | 80-R4 | * | 0 | 682,244.00 | 541,795 | 140,449 | 4,272 | 0.63 | 32.9 |
| | BAD CREEK | 80-R4 | * | 0 | 17,869,699.00 | 7,681,119 | 10,188,580 | 230,929 | 1.29 | 44.1 |
| | JOCASSEE | 80-R4 | * | 0 | 415,508.00 | 308,481 | 107,027 | 3,427 | 0.82 | 31.2 |
| | DEARBORN | 80-R4 | * | 0 | 633,636.00 | 287,475 | 346,161 | 7,459 | 1.18 | 46.4 |
| | NPL BEAR CREEK | 80-R4 | * | 0 | 52,776.00 | 50,410 | 2,366 | 104 | 0.20 | 22.8 |
| | NPL CEDAR CLIFF | 80-R4 | * | 0 | 129,738.00 | 78,175 | 51,563 | 1,777 | 1.37 | 29.0 |
| | NPL NANTAHALA | 80-R4 | * | 0 | 239,971.28 | 171,525 | 68,446 | 2,281 | 0.95 | 30.0 |
| | NPL QUEENS CREEK | 80-R4 | * | 0 | 2,830.00 | 2,830 | 0 | 0 | - | - |
| | NPL TENNESSEE CREEK | 80-R4 | * | 0 | 72,590.00 | 68,835 | 3,755 | 163 | 0.22 | 23.0 |
| | NPL THORPE | 80-R4 | * | 0 | 46,024.00 | 38,040 | 7,984 | 272 | 0.59 | 29.4 |
| | NPL TUCKASEGEE | 80-R4 | * | 0 | 8,678.00 | 8,615 | 63 | 3 | 0.03 | 21.0 |
| | SHARED DEPARTMENT PLANT | 80-R4 | * | 0 | 84,399.00 | 84,399 | 0 | 0 | - | - |
| | TOTAL ROADS, RAILROADS, AND BRIDGES | | | | 20,238,093.28 | 9,321,699 | 10,916,394 | 250,687 | 1.24 | 43.5 |
| | **TOTAL HYDRAULIC PRODUCTION PLANT** | | | | **1,937,377,865.69** | **773,728,834** | **1,478,722,070** | **36,284,193** | **1.87** | **40.8** |
| | **GAS TURBINE PLANT** | | | | | | | | | |
| 341.00 | STRUCTURES AND IMPROVEMENTS | | | | | | | | | |
| | RIVERBEND | 50-R3 | * | 0 | 116,005.00 | 116,005 | 0 | 0 | - | - |
| | LINCOLN | 50-R3 | * | 0 | 27,746,461.58 | 14,882,930 | 12,863,532 | 588,499 | 2.12 | 21.9 |
| | BUCK - UNITS 7, 8 AND 9 | 50-R3 | * | 0 | 115,955.00 | 99,418 | 16,537 | 16,537 | 14.26 | 1.0 |
| | BUZZARD ROOST | 50-R3 | * | 0 | 1,290,768.00 | 1,290,768 | 0 | 0 | - | - |
| | DAN RIVER | 50-R3 | * | 0 | 100,383.00 | 100,383 | 0 | 0 | - | - |
| | LEE | 50-R3 | * | 0 | 306,881.12 | 28,267 | 278,614 | 8,272 | 2.70 | 33.7 |
| | MILL CREEK | 50-R3 | * | 0 | 29,199,628.70 | 9,356,125 | 19,843,504 | 678,339 | 2.32 | 29.3 |
| | ROCKINGHAM | 50-R3 | * | 0 | 1,251,753.21 | 251,040 | 1,000,713 | 36,525 | 2.92 | 27.4 |
| | BUCK - COMBINED CYCLE | 50-R3 | * | 0 | 447,213.24 | 8,784 | 438,429 | 13,226 | 2.96 | 33.1 |
| | TOTAL STRUCTURES AND IMPROVEMENTS | | | | 60,575,048.85 | 26,133,720 | 34,441,329 | 1,341,398 | 2.21 | 25.7 |
| 342.00 | FUEL HOLDERS, PRODUCERS AND ACCESSORIES | | | | | | | | | |
| | RIVERBEND | 40-R3 | * | (10) | 481,178.00 | 529,296 | 0 | 0 | - | - |
| | LINCOLN | 40-R3 | * | (10) | 12,584,656.00 | 7,846,441 | 5,996,681 | 301,014 | 2.39 | 19.9 |
| | BUCK - UNITS 7, 8 AND 9 | 40-R3 | * | (10) | 71,939.00 | 71,256 | 7,877 | 7,877 | 10.95 | 1.0 |
| | BUZZARD ROOST | 40-R3 | * | (10) | 1,107,072.00 | 1,217,779 | 0 | 0 | - | - |
| | DAN RIVER | 40-R3 | * | (10) | 393,409.00 | 432,750 | 0 | 0 | - | - |
| | MILL CREEK | 40-R3 | * | (10) | 15,023,231.00 | 5,573,139 | 10,952,415 | 404,847 | 2.69 | 27.1 |
| | ROCKINGHAM | 40-R3 | * | (10) | 52,692.64 | 4,097 | 53,865 | 1,987 | 3.77 | 27.1 |
| | BUCK - COMBINED CYCLE | 40-R3 | * | (10) | 42,404,747.79 | 962,178 | 45,683,045 | 1,430,277 | 3.37 | 31.9 |
| | TOTAL FUEL HOLDERS, PRODUCERS AND ACCESSORIES | | | | 72,118,925.43 | 16,636,936 | 62,693,883 | 2,146,002 | 2.98 | 29.2 |
| 343.00 | PRIME MOVERS | | | | | | | | | |
| | RIVERBEND | 40-S2 | * | (10) | 178,152.00 | 195,967 | 0 | 0 | - | - |
| | LINCOLN | 40-S2 | * | (10) | 241,193,630.77 | 153,289,716 | 112,023,278 | 5,790,411 | 2.40 | 19.3 |
| | BUCK - UNITS 7, 8 AND 9 | 40-S2 | * | (10) | 2,120,778.14 | 1,298,028 | 1,034,828 | 1,034,828 | 48.79 | 1.0 |
| | BUZZARD ROOST | 40-S2 | * | (10) | 1,990,471.00 | 2,189,518 | 0 | 0 | - | - |
| | DAN RIVER | 40-S2 | * | (10) | 639,729.00 | 703,702 | 0 | 0 | - | - |
| | LEE | 40-S2 | * | (10) | 56,942,380.34 | 10,710,079 | 51,926,539 | 1,706,239 | 3.00 | 30.4 |
| | MILL CREEK | 40-S2 | * | (10) | 184,785,462.00 | 68,678,848 | 134,585,160 | 5,129,815 | 2.78 | 26.2 |
| | ROCKINGHAM | 40-S2 | * | (10) | 43,133,768.91 | 2,754,602 | 44,692,544 | 1,652,309 | 3.83 | 27.0 |
| | BUCK - COMBINED CYCLE | 40-S2 | * | (10) | 517,796,967.55 | 12,666,315 | 556,910,349 | 19,310,505 | 3.73 | 28.8 |
| | TOTAL PRIME MOVERS | | | | 1,048,781,339.71 | 252,486,775 | 901,172,698 | 34,624,107 | 3.30 | 26.0 |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| 344.00 | GENERATORS | | | | | | | | |
| | RIVERBEND | 55-R2.5 * | (5) | 12,462,030.00 | 13,085,132 | 0 | 0 | - | - |
| | LINCOLN | 55-R2.5 * | (5) | 77,316,205.18 | 45,391,243 | 35,790,772 | 1,629,210 | 2.11 | 22.0 |
| | BUCK - UNITS 7, 8 AND 9 | 55-R2.5 * | (5) | 10,251,032.00 | 10,824,840 | (61,256) | 0 | - | - |
| | BUZZARD ROOST | 55-R2.5 * | (5) | 22,015,426.21 | 23,116,198 | 0 | 0 | - | - |
| | DAN RIVER | 55-R2.5 * | (5) | 8,199,102.00 | 8,609,057 | 0 | 0 | - | - |
| | MILL CREEK | 55-R2.5 * | (5) | 281,521.81 | 54,960 | 240,638 | 8,049 | 2.86 | 29.9 |
| | EQUITABLE DIESEL GENERATORS | 55-R2.5 * | (5) | 5,855,452.10 | 2,424,989 | 3,723,236 | 230,115 | 3.93 | 16.2 |
| | ROCKINGHAM | 55-R2.5 * | (5) | 239,584,193.43 | 109,646,918 | 141,916,485 | 5,334,833 | 2.23 | 26.6 |
| | BUCK - COMBINED CYCLE | 55-R2.5 * | (5) | 64,822,009.34 | 1,465,410 | 66,597,700 | 2,024,246 | 3.12 | 32.9 |
| | SHARED DEPARTMENT PLANT | 55-R2.5 * | (5) | 2,162,806.51 | 143,044 | 2,127,903 | 64,895 | 3.00 | 32.8 |
| | TOTAL GENERATORS | | | 442,949,778.58 | 214,761,791 | 250,335,478 | 9,291,348 | 2.10 | 26.9 |
| 344.66 | GENERATORS - SOLAR | SQUARE * | 0 | 38,889,163.79 | 2,874,485 | 36,014,679 | 1,946,739 | 5.01 | 18.5 |
| 345.00 | ACCESSORY ELECTRIC EQUIPMENT | | | | | | | | |
| | RIVERBEND | 30-L2 * | (5) | 97,836.00 | 102,728 | 0 | 0 | - | - |
| | LINCOLN | 30-L2 * | (5) | 25,272,733.26 | 15,180,230 | 11,356,140 | 768,707 | 3.04 | 14.8 |
| | BUCK - UNITS 7, 8 AND 9 | 30-L2 * | (5) | 125,381.00 | 119,309 | 12,341 | 12,342 | 9.84 | 1.0 |
| | BUZZARD ROOST | 30-L2 * | (5) | 875,486.00 | 919,260 | 0 | 0 | - | - |
| | DAN RIVER | 30-L2 * | (5) | 122,633.84 | 128,766 | 0 | 0 | - | - |
| | LEE | 30-L2 * | (5) | 9,317.00 | 1,527 | 8,256 | 339 | 3.64 | 24.4 |
| | MILL CREEK | 30-L2 * | (5) | 15,239,029.06 | 6,192,033 | 9,808,948 | 503,362 | 3.30 | 19.5 |
| | ROCKINGHAM | 30-L2 * | (5) | 1,623,708.34 | 316,887 | 1,388,007 | 63,164 | 3.89 | 22.0 |
| | TOTAL ACCESSORY ELECTRIC EQUIPMENT | | | 43,366,124.50 | 22,960,740 | 22,573,692 | 1,347,914 | 3.11 | 16.7 |
| 346.00 | MISCELLANEOUS PLANT EQUIPMENT | | | | | | | | |
| | LINCOLN | 40-S1.5 * | 0 | 2,543,828.31 | 1,142,941 | 1,400,887 | 71,225 | 2.80 | 19.7 |
| | BUZZARD ROOST | 40-S1.5 * | 0 | 603,938.00 | 603,938 | 0 | 0 | - | - |
| | DAN RIVER | 40-S1.5 * | 0 | 83,880.00 | 83,880 | 0 | 0 | - | - |
| | MILL CREEK | 40-S1.5 * | 0 | 3,187,259.48 | 798,273 | 2,388,987 | 90,355 | 2.83 | 26.4 |
| | ROCKINGHAM | 40-S1.5 * | 0 | 604,265.78 | 79,702 | 524,564 | 20,209 | 3.34 | 26.0 |
| | TOTAL MISCELLANEOUS PLANT EQUIPMENT | | | 7,023,171.57 | 2,708,734 | 4,314,438 | 181,789 | 2.59 | 23.7 |
| | **TOTAL GAS TURBINE PLANT** | | | **1,713,703,552.43** | **538,563,181** | **1,311,546,197** | **50,879,297** | **2.97** | **25.8** |
| | **TOTAL PRODUCTION** | | | **14,986,648,431.62** | **6,539,765,394** | **9,753,837,516** | **413,809,086** | | |
| | **TRANSMISSION PLANT** | | | | | | | | |
| 352.00 | STRUCTURES AND IMPROVEMENTS | 55-R3 | (10) | 47,986,693.45 | 15,943,949 | 36,841,414 | 875,031 | 1.82 | 42.1 |
| 353.00 | STATION EQUIPMENT | 48-R1.5 | (15) | 1,193,361,196.67 | 507,379,675 | 864,985,701 | 23,340,171 | 1.96 | 37.1 |
| 354.00 | TOWERS AND FIXTURES | 60-R2 | (35) | 434,698,880.74 | 247,856,829 | 338,986,660 | 8,100,980 | 1.86 | 41.8 |
| 355.00 | POLES AND FIXTURES | 48-R2 | (30) | 305,114,521.69 | 96,740,163 | 299,908,715 | 7,560,588 | 2.48 | 39.7 |
| 356.00 | OVERHEAD CONDUCTORS AND DEVICES | 50-R2 | (40) | 533,548,343.71 | 251,934,468 | 495,033,213 | 13,453,142 | 2.52 | 36.8 |
| 357.00 | UNDERGROUND CONDUIT | 50-S4 | 0 | 110,298.83 | 74,952 | 35,347 | 1,537 | 1.39 | 23.0 |
| 358.00 | UNDERGROUND CONDUCTORS AND DEVICES | 50-S3 | (10) | 4,102,674.48 | 1,501,827 | 3,011,115 | 75,858 | 1.85 | 39.7 |
| 359.00 | ROADS AND TRAILS | 65-R4 | 0 | 42,238.00 | 13,455 | 28,783 | 625 | 1.48 | 46.1 |
| | **TOTAL TRANSMISSION PLANT** | | | **2,518,964,847.57** | **1,121,445,318** | **2,038,830,948** | **53,407,932** | **2.12** | **38.2** |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| | DISTRIBUTION PLANT | | | | | | | | |
| 361.00 | STRUCTURES AND IMPROVEMENTS | 50-R3 | (10) | 51,587,772.66 | 14,784,996 | 41,961,554 | 1,048,494 | 2.03 | 40.0 |
| 362.00 | STATION EQUIPMENT | 40-R0.5 | (15) | 1,037,293,173.65 | 424,142,277 | 768,744,873 | 22,630,031 | 2.18 | 34.0 |
| 364.00 | POLES, TOWERS AND FIXTURES | 45-R2 | (25) | 1,230,886,735.86 | 689,830,798 | 848,777,622 | 25,902,206 | 2.10 | 32.8 |
| 365.00 | OVERHEAD CONDUCTORS AND DEVICES | 44-R0.5 | (25) | 1,612,521,987.63 | 686,872,291 | 1,328,780,194 | 35,627,892 | 2.21 | 37.3 |
| 366.00 | UNDERGROUND CONDUIT | 50-R3 | (20) | 201,598,585.36 | 90,758,414 | 151,159,888 | 4,311,265 | 2.14 | 35.1 |
| 367.00 | UNDERGROUND CONDUCTORS AND DEVICES | 50-R3 | (20) | 1,622,322,431.17 | 579,592,185 | 1,367,194,732 | 35,634,196 | 2.20 | 38.4 |
| 368.00 | LINE TRANSFORMERS | 39-R1.5 | 10 | 1,142,843,444.74 | 509,792,242 | 518,766,858 | 17,278,740 | 1.51 | 30.0 |
| 369.00 | SERVICES | 40-R1.5 | (40) | 838,992,628.00 | 428,073,010 | 746,516,669 | 24,559,040 | 2.93 | 30.4 |
| 370.00 | METERS | 20-L0 | 0 | 360,021,014.38 | 161,573,696 | 198,447,318 | 12,376,009 | 3.44 | 16.0 |
| 371.00 | INSTALLATIONS ON CUSTOMERS' PREMISES | 38-O1 | (5) | 579,312,101.14 | 181,573,009 | 426,704,697 | 12,741,420 | 2.20 | 33.5 |
| 373.00 | STREET LIGHTING AND SIGNAL SYSTEMS | 34-R2 | (10) | 220,954,868.39 | 97,468,460 | 145,581,895 | 5,575,933 | 2.52 | 26.1 |
| | **TOTAL DISTRIBUTION PLANT** | | | **8,898,334,742.98** | **3,864,461,378** | **6,542,636,300** | **197,685,226** | **2.22** | **33.1** |
| | GENERAL PLANT | | | | | | | | |
| 390.00 | STRUCTURES AND IMPROVEMENTS | 40-R2.5 | 0 | 428,062,118.83 | 111,598,039 | 316,464,080 | 12,662,529 | 2.96 | 25.0 |
| 391.00 | OFFICE FURNITURE AND EQUIPMENT | 15-SQ | 0 | 26,150,819.44 | 3,223,100 | 22,927,719 | 3,384,503 | 12.94 | 6.8 |
| 391.10 | OFFICE FURNITURE AND EQUIPMENT - EDP | 8-SQ | 0 | 44,511,332.35 | (6,953,091) | 51,464,423 | 16,378,284 | 36.80 | 3.1 |
| 392.00 | TRANSPORTATION EQUIPMENT | | | | | | | | |
| | PASSENGER CARS AND STATION WAGONS | 5-S2.5 | 5 | 59,300.00 | 45,976 | 10,359 | 10,359 | 17.47 | 1.0 |
| | LIGHT TRUCKS | 6-S2.5 | 5 | 1,720,927.40 | 830,895 | 803,986 | 352,112 | 20.46 | 2.3 |
| | MEDIUM TRUCKS | 7-L2.5 | 5 | 963,321.00 | 576,546 | 338,609 | 204,169 | 21.19 | 1.7 |
| | HEAVY TRUCKS | 10-L2.5 | 5 | 1,149,319.00 | 648,889 | 442,964 | 169,046 | 14.71 | 2.6 |
| | MEDIUM TRUCKS / POWER EQUIPPED | 7-L4 | 5 | 213,938.00 | 150,131 | 53,110 | 53,110 | 24.82 | 1.0 |
| | HEAVY TRUCKS / POWER EQUIPPED | 10-L2 | 5 | 3,776,809.00 | 2,058,972 | 1,528,997 | 553,710 | 14.66 | 2.8 |
| | TRACTORS | 13-L3 | 5 | 222,268.00 | 121,640 | 89,515 | 24,232 | 10.90 | 3.7 |
| | TRAILERS | 16-L0.5 | 5 | 4,518,888.00 | 1,805,439 | 2,487,505 | 325,251 | 7.20 | 7.6 |
| | TOTAL TRANSPORTATION EQUIPMENT | | | 12,624,770.40 | 6,238,488 | 5,755,045 | 1,691,989 | 13.40 | 3.4 |
| 393.00 | STORES EQUIPMENT | 20-SQ | 0 | 5,358,958.42 | 2,520,188 | 2,838,770 | 150,006 | 2.80 | 18.9 |
| 394.00 | TOOLS, SHOP AND GARAGE EQUIPMENT | 20-SQ | 0 | 43,767,965.53 | 4,190,903 | 39,577,063 | 2,894,283 | 6.61 | 13.7 |
| 395.00 | LABORATORY EQUIPMENT | 15-SQ | 0 | 8,832,686.17 | 1,339,877 | 7,492,809 | 1,182,402 | 13.39 | 6.3 |
| 396.00 | POWER OPERATED EQUIPMENT | | | | | | | | |
| | TRENCHERS AND CABLE PLOWS | 10-L1 | 5 | 72,386.00 | 35,433 | 33,334 | 9,906 | 13.68 | 3.4 |
| | RUBBER TIRED TRACTORS | 10-L1 | 5 | 924,164.00 | 495,131 | 382,825 | 165,305 | 17.89 | 2.3 |
| | HEAVY CONSTRUCTION EQUIPMENT | 14-S0 | 5 | 2,415,901.00 | 1,361,977 | 933,129 | 340,866 | 14.11 | 2.7 |
| | MOBILE CRANES | 19-S1.5 | 5 | 2,820,189.00 | 1,516,969 | 1,162,211 | 290,089 | 10.29 | 4.0 |
| | FORKLIFTS | 16-L2.5 | 5 | 2,247,462.00 | 1,160,855 | 974,234 | 223,258 | 9.93 | 4.4 |
| | TRAILERS WITH MOUNTED EQUIPMENT | 15-L3 | 5 | 780,557.00 | 409,657 | 331,872 | 83,565 | 10.71 | 4.0 |
| | MISCELLANEOUS NON-HIGHWAY EQUIPMENT | 12-L2 | 5 | 3,531,266.00 | 1,273,587 | 2,081,116 | 369,941 | 10.48 | 5.6 |
| | MISCELLANEOUS EQUIPMENT | 12-L2 | 5 | 3,844,659.61 | 340,158 | 3,312,269 | 318,771 | 8.29 | 10.4 |
| | TOTAL POWER OPERATED EQUIPMENT | | | 16,636,584.61 | 6,593,767 | 9,210,990 | 1,801,701 | 10.83 | 5.1 |
| 397.00 | COMMUNICATION EQUIPMENT | 10-SQ | 0 | 99,656,357.00 | 467,012 | 99,189,345 | 17,022,209 | 17.08 | 5.8 |
| 398.00 | MISCELLANEOUS EQUIPMENT | 20-SQ | 0 | 2,867,676.30 | (202,946) | 3,070,622 | 246,042 | 8.58 | 12.5 |
| | **TOTAL GENERAL PLANT** | | | **688,469,269.05** | **129,015,337** | **557,990,866** | **57,413,948** | **8.34** | **9.7** |

DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| | DEPRECIABLE LAND RIGHTS | | | | | | | | |
| 310.00 | LAND RIGHTS | | | | | | | | |
| | MARSHALL | 80-R4 * | 0 | 452,636.00 | 452,636 | 0 | 0 | - | - |
| | RIVERBEND | 80-R4 * | 0 | 51,266.00 | 51,266 | 0 | 0 | - | - |
| | BUCK | 80-R4 * | 0 | 318.00 | 486 | (168) | 0 | - | - |
| | BELEWS CREEK | 80-R4 * | 0 | 1,543,811.00 | 1,543,688 | 123 | 4 | - | 30.8 |
| | DAN RIVER | 80-R4 * | 0 | 7,693.00 | 7,693 | 0 | 0 | - | - |
| | LEE | 80-R4 * | 0 | 3,106.00 | 3,106 | 0 | 0 | - | - |
| | ALLEN | 80-R4 * | 0 | 4,303.00 | 4,303 | 0 | 0 | - | - |
| | TOTAL ACCOUNT 310 | | | 2,063,133.00 | 2,063,178 | (45) | 4 | - | - |
| 320.00 | LAND RIGHTS | | | | | | | | |
| | OCONEE | 80-R4 * | 0 | 425,003.00 | 281,949 | 143,054 | 7,067 | 1.66 | 20.2 |
| | MCGUIRE | 80-R4 * | 0 | 74,882.00 | 37,239 | 37,643 | 1,286 | 1.72 | 29.3 |
| | CATAWBA | 80-R4 * | 0 | 456,656.68 | 190,028 | 266,629 | 8,685 | 1.90 | 30.7 |
| | TOTAL ACCOUNT 320 | | | 956,541.68 | 509,216 | 447,326 | 17,038 | 1.78 | 26.3 |
| 330.00 | LAND RIGHTS | | | | | | | | |
| | COWANS FORD | 100-R4 * | 0 | 6,881,547.00 | 4,778,751 | 2,102,796 | 47,680 | 0.69 | 44.1 |
| | BAD CREEK | 100-R4 * | 0 | 723,692.00 | 302,529 | 421,163 | 9,228 | 1.28 | 45.6 |
| | JOCASSEE | 100-R4 * | 0 | 436,179.00 | 300,990 | 135,189 | 4,029 | 0.92 | 33.6 |
| | KEOWEE | 100-R4 * | 0 | 12,071,075.00 | 9,097,136 | 2,973,939 | 89,657 | 0.74 | 33.2 |
| | FISHING CREEK | 100-R4 * | 0 | 35,796.00 | 35,796 | 0 | 0 | - | - |
| | BRIDGEWATER | 100-R4 * | 0 | 393,705.00 | 393,705 | 0 | 0 | - | - |
| | GASTON SHOALS | 100-R4 * | 0 | 16,648.00 | 16,648 | 0 | 0 | - | - |
| | LOOKOUT SHOALS | 100-R4 * | 0 | 7,426.00 | 7,426 | 0 | 0 | - | - |
| | MOUNTAIN ISLAND | 100-R4 * | 0 | 323,913.00 | 323,913 | 0 | 0 | - | - |
| | 99 ISLANDS | 100-R4 * | 0 | 17,102.00 | 17,102 | 0 | 0 | - | - |
| | OXFORD | 100-R4 * | 0 | 695,790.00 | 695,790 | 0 | 0 | - | - |
| | RHODHISS | 100-R4 * | 0 | 199,929.00 | 199,929 | 0 | 0 | - | - |
| | TUXEDO | 100-R4 * | 0 | 245,404.00 | 245,404 | 0 | 0 | - | - |
| | WATEREE | 100-R4 * | 0 | 204,111.00 | 204,111 | 0 | 0 | - | - |
| | WYLIE | 100-R4 * | 0 | 1,189,116.00 | 1,189,116 | 0 | 0 | - | - |
| | NPL BEAR CREEK | 100-R4 * | 0 | 435.00 | 435 | 0 | 0 | - | - |
| | NPL FRANKLIN | 100-R4 * | 0 | 12,423.00 | 12,423 | 0 | 0 | - | - |
| | NPL NANTAHALA | 100-R4 * | 0 | 80,304.00 | 80,304 | 0 | 0 | - | - |
| | NPL QUEENS CREEK | 100-R4 * | 0 | 5,782.00 | 5,782 | 0 | 0 | - | - |
| | NPL TENNESSEE CREEK | 100-R4 * | 0 | 711.00 | 711 | 0 | 0 | - | - |
| | NPL THORPE | 100-R4 * | 0 | 47,127.00 | 47,127 | 0 | 0 | - | - |
| | NPL TUCKASEGEE | 100-R4 * | 0 | 1,518.00 | 1,518 | 0 | 0 | - | - |
| | TOTAL ACCOUNT 330 | | | 23,589,733.00 | 17,956,646 | 5,633,087 | 150,594 | 0.64 | 37.4 |
| 350.00 | LAND RIGHTS | 70-R4 | 0 | 153,480,590.23 | 63,672,530 | 89,808,060 | 2,000,147 | 1.30 | 44.9 |
| 360.00 | LAND RIGHTS | 70-R3 | 0 | 7,162,962.89 | 833,277 | 6,329,686 | 114,465 | 1.60 | 55.3 |
| 389.00 | LAND RIGHTS | 60-R3 | 0 | 550,291.00 | 169,824 | 380,467 | 8,438 | 1.53 | 45.1 |
| | TOTAL DEPRECIABLE LAND RIGHTS | | | 187,803,251.80 | 85,204,671 | 102,598,581 | 2,290,686 | 1.22 | 44.8 |

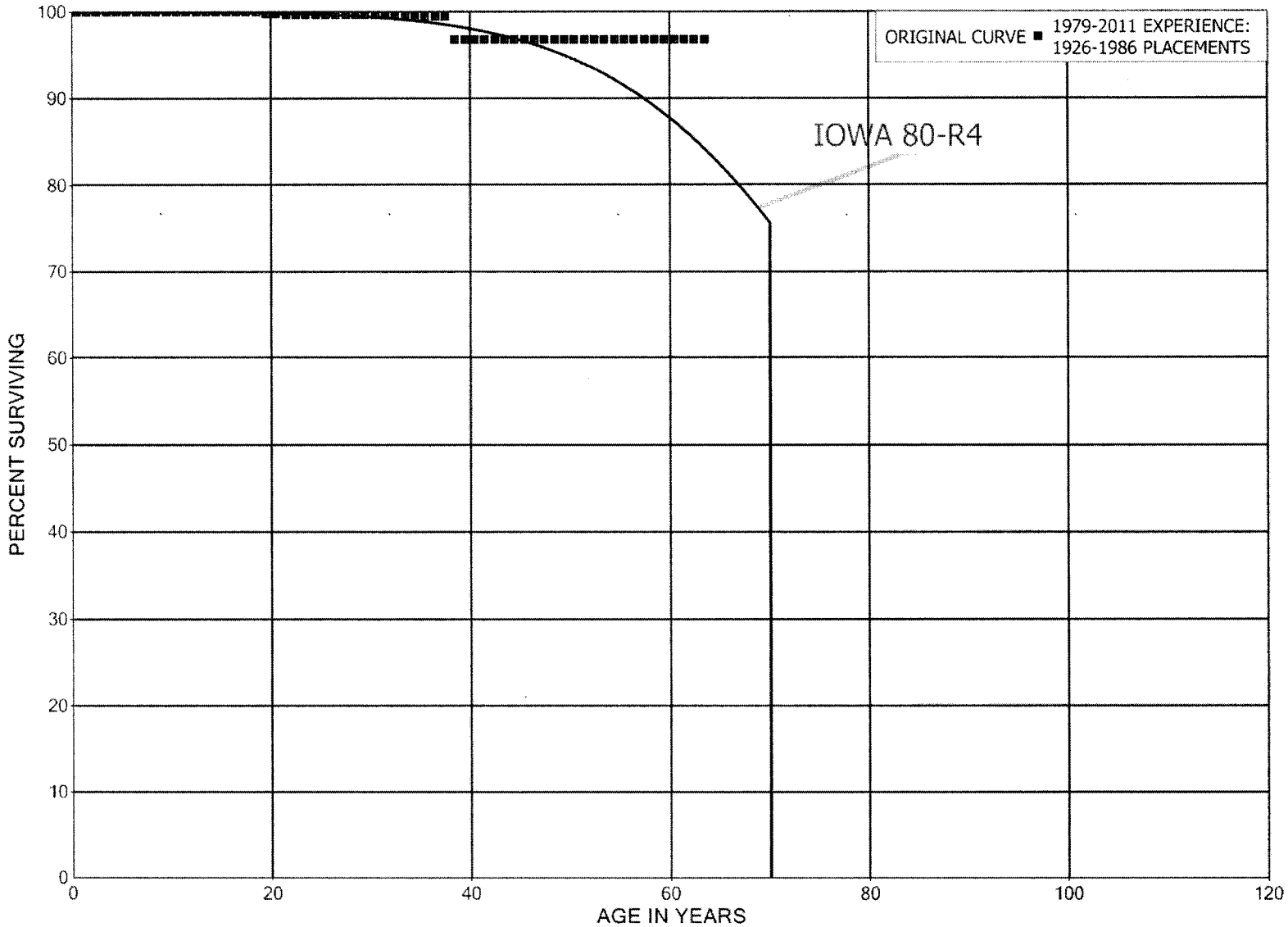
DUKE ENERGY CAROLINAS
SCHEDULE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION RATES RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2011

| | ACCOUNT | SURVIVOR CURVE | | NET SALVAGE PERCENT | ORIGINAL COST AS OF DECEMBER 31, 2011 | BOOK RESERVE | FUTURE ACCRUALS | CALCULATED ANNUAL ACCRUAL AMOUNT | CALCULATED ANNUAL ACCRUAL RATE | COMPOSITE REMAINING LIFE |
|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (2) | | (3) | (4) | (5) | (6) | (7) | (8)=(7)/(4) | (9)=(6)/(7) |
| | STEAM PRODUCTION PLANT RECOVERY | | | | | | | | | |
| | BUCK STEAM PRODUCTION | | | | | | | | | |
| 311.00 | STRUCTURES AND IMPROVEMENTS | 80-S0 | * | (7) | 15,834,920.93 | 12,735,405 | 4,207,960 | 1,216,481 | 7.68 | 3.5 |
| 312.00 | BOILER PLANT EQUIPMENT | 45-R2 | * | (10) | 78,240,723.68 | 45,772,991 | 40,291,805 | 11,789,162 | 15.07 | 3.4 |
| 314.00 | TURBOGENERATOR UNITS | 60-S0.5 | * | (5) | 22,666,658.42 | 11,798,728 | 12,001,263 | 3,481,535 | 15.36 | 3.4 |
| 315.00 | ACCESSORY ELECTRIC EQUIPMENT | 50-S1.5 | * | (3) | 22,195,526.64 | 11,254,503 | 11,606,889 | 3,396,791 | 15.30 | 3.4 |
| 316.00 | MISCELLANEOUS POWER PLANT EQUIPMENT | 55-R2 | * | (2) | 10,687,185.98 | 3,390,576 | 7,510,354 | 2,158,179 | 20.19 | 3.5 |
| | TOTAL BUCK STEAM PRODUCTION | | | | 149,625,015.65 | 84,952,203 | 75,618,271 | 22,042,148 | 14.73 | 3.4 |
| | CLIFFSIDE 1-4 STEAM PRODUCTION | | | | | | | | | |
| 311.00 | STRUCTURES AND IMPROVEMENTS | 80-S0 | * | (7) | 9,875,897.24 | 10,069,884 | 497,326 | 0 | - | - |
| 312.00 | BOILER PLANT EQUIPMENT | 45-R2 | * | (10) | 69,898,297.19 | 78,812,631 | (1,924,504) | 0 | - | - |
| 314.00 | TURBOGENERATOR UNITS | 60-S0.5 | * | (5) | 20,492,485.98 | 22,849,341 | (1,332,231) | 0 | - | - |
| 315.00 | ACCESSORY ELECTRIC EQUIPMENT | 50-S1.5 | * | (3) | 21,712,592.00 | 22,296,428 | 67,542 | 0 | - | - |
| 316.00 | MISCELLANEOUS POWER PLANT EQUIPMENT | 55-R2 | * | (2) | 2,059,840.00 | 2,108,070 | (7,033) | 0 | - | - |
| | TOTAL CLIFFSIDE 1-4 STEAM PRODUCTION | | | | 124,039,112.41 | 136,136,354 | (2,698,900) | 0 | - | - |
| | TOTAL STEAM PRODUCTION PLANT RECOVERY | | | | 273,664,128.06 | 221,088,557 | 72,919,371 | 22,042,148 | 8.05 | 3.3 |
| | TOTAL DEPRECIABLE PLANT | | | | 27,553,884,671.08 | 11,960,980,656 | 19,068,813,582 | 746,649,026 | 2.71 | 25.5 |
| | NONDEPRECIABLE PLANT | | | | | | | | | |
| 310.00 | LAND | | | | 25,532,841.10 | | | | | |
| 320.00 | LAND | | | | 2,207,786.81 | | | | | |
| 330.00 | LAND | | | | 28,098,869.15 | | | | | |
| 340.00 | LAND | | | | 9,125,513.00 | | | | | |
| 350.00 | LAND | | | | 26,565,951.14 | | | | | |
| 360.00 | LAND | | | | 50,500,854.77 | | | | | |
| 389.00 | LAND | | | | 21,507,767.48 | | | | | |
| | TOTAL NONDEPRECIABLE PLANT | | | | 163,539,583.45 | | | | | |
| | TOTAL ELECTRIC PLANT | | | | 27,717,424,254.53 | 11,960,980,656 | 19,068,813,582 | 746,649,026 | | |

* Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.

# SERVICE LIFE STATISTICS

DUKE ENERGY CAROLINAS
ACCOUNT 310 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 310 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-1986 EXPERIENCE BAND 1979-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 500 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 500 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 500 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 557 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 80,820 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 1,412,609 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 1,543,884 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 1,543,884 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 1,543,884 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 1,543,884 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 1,543,884 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 1,548,955 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 1,601,768 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 1,607,774 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 1,607,774 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 1,609,464 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 2,062,100 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 2,066,100 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 2,066,100 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 2,068,856 | 6,006 | 0.0029 | 0.9971 | 100.00 |
| 19.5 | 2,062,850 | | 0.0000 | 1.0000 | 99.71 |
| 20.5 | 2,062,850 | 1,690 | 0.0008 | 0.9992 | 99.71 |
| 21.5 | 2,061,369 | | 0.0000 | 1.0000 | 99.63 |
| 22.5 | 2,061,796 | | 0.0000 | 1.0000 | 99.63 |
| 23.5 | 2,061,796 | | 0.0000 | 1.0000 | 99.63 |
| 24.5 | 2,061,796 | 500 | 0.0002 | 0.9998 | 99.63 |
| 25.5 | 2,060,796 | | 0.0000 | 1.0000 | 99.60 |
| 26.5 | 2,060,796 | | 0.0000 | 1.0000 | 99.60 |
| 27.5 | 2,060,796 | | 0.0000 | 1.0000 | 99.60 |
| 28.5 | 2,060,796 | | 0.0000 | 1.0000 | 99.60 |
| 29.5 | 2,060,796 | | 0.0000 | 1.0000 | 99.60 |
| 30.5 | 2,064,104 | | 0.0000 | 1.0000 | 99.60 |
| 31.5 | 2,078,867 | | 0.0000 | 1.0000 | 99.60 |
| 32.5 | 2,081,904 | | 0.0000 | 1.0000 | 99.60 |
| 33.5 | 2,081,904 | 5,071 | 0.0024 | 0.9976 | 99.60 |
| 34.5 | 2,076,833 | | 0.0000 | 1.0000 | 99.36 |
| 35.5 | 2,072,833 | | 0.0000 | 1.0000 | 99.36 |
| 36.5 | 1,996,570 | | 0.0000 | 1.0000 | 99.36 |
| 37.5 | 529,022 | 14,309 | 0.0270 | 0.9730 | 99.36 |
| 38.5 | 514,713 | | 0.0000 | 1.0000 | 96.67 |

DUKE ENERGY CAROLINAS

ACCOUNT 310 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-1986 EXPERIENCE BAND 1979-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 514,713 | | 0.0000 | 1.0000 | 96.67 |
| 40.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 41.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 42.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 43.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 44.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 45.5 | 461,900 | | 0.0000 | 1.0000 | 96.67 |
| 46.5 | 9,264 | | 0.0000 | 1.0000 | 96.67 |
| 47.5 | 7,008 | | 0.0000 | 1.0000 | 96.67 |
| 48.5 | 7,008 | | 0.0000 | 1.0000 | 96.67 |
| 49.5 | 7,008 | | 0.0000 | 1.0000 | 96.67 |
| 50.5 | 7,008 | | 0.0000 | 1.0000 | 96.67 |
| 51.5 | 7,008 | | 0.0000 | 1.0000 | 96.67 |
| 52.5 | 6,799 | | 0.0000 | 1.0000 | 96.67 |
| 53.5 | 6,799 | | 0.0000 | 1.0000 | 96.67 |
| 54.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 55.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 56.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 57.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 58.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 59.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 60.5 | 6,908 | | 0.0000 | 1.0000 | 96.67 |
| 61.5 | 3,600 | | 0.0000 | 1.0000 | 96.67 |
| 62.5 | 3,146 | | 0.0000 | 1.0000 | 96.67 |
| 63.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 64.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 65.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 66.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 67.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 68.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 69.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 70.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 71.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 72.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 73.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 74.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 75.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 76.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 77.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 78.5 | 109 | | 0.0000 | 1.0000 | 96.67 |

DUKE ENERGY CAROLINAS

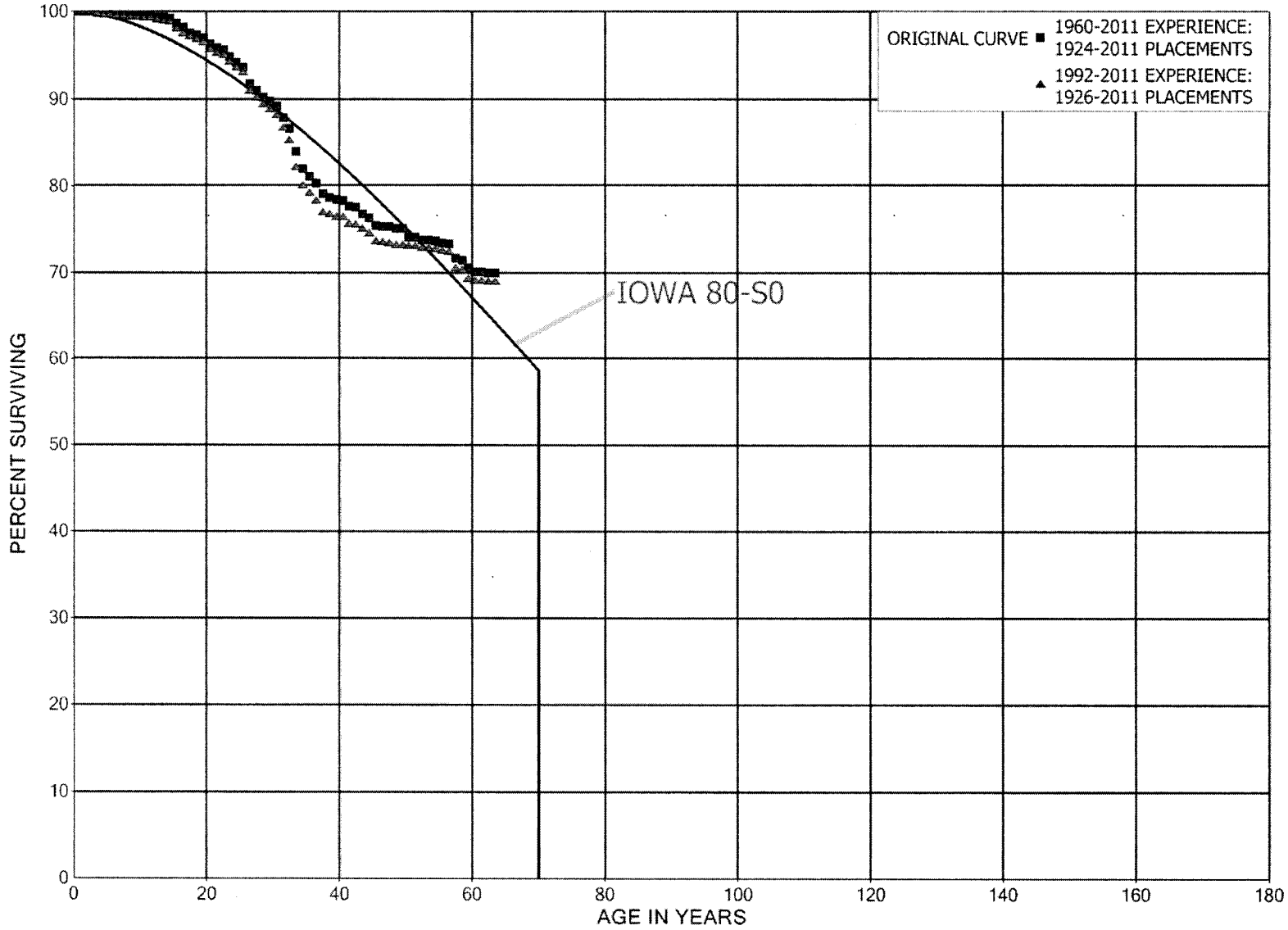
ACCOUNT 310 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-1986 EXPERIENCE BAND 1979-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 80.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 81.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 82.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 83.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 84.5 | 109 | | 0.0000 | 1.0000 | 96.67 |
| 85.5 | | | | | 96.67 |

DUKE ENERGY CAROLINAS
ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,991,763,633 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 1,838,183,613 | 160,336 | 0.0001 | 0.9999 | 100.00 |
| 1.5 | 1,772,034,860 | 748,832 | 0.0004 | 0.9996 | 99.99 |
| 2.5 | 1,698,001,821 | 1,499,563 | 0.0009 | 0.9991 | 99.95 |
| 3.5 | 1,667,332,245 | 1,380,223 | 0.0008 | 0.9992 | 99.86 |
| 4.5 | 1,637,533,279 | 334,434 | 0.0002 | 0.9998 | 99.78 |
| 5.5 | 1,578,580,145 | 338,677 | 0.0002 | 0.9998 | 99.76 |
| 6.5 | 1,548,460,411 | 501,610 | 0.0003 | 0.9997 | 99.74 |
| 7.5 | 1,511,020,055 | 904,740 | 0.0006 | 0.9994 | 99.70 |
| 8.5 | 1,347,983,522 | 686,089 | 0.0005 | 0.9995 | 99.64 |
| 9.5 | 1,321,721,195 | 813,629 | 0.0006 | 0.9994 | 99.59 |
| 10.5 | 1,313,526,175 | 95,972 | 0.0001 | 0.9999 | 99.53 |
| 11.5 | 1,300,762,868 | 2,885,005 | 0.0022 | 0.9978 | 99.53 |
| 12.5 | 1,290,992,372 | 582,817 | 0.0005 | 0.9995 | 99.30 |
| 13.5 | 1,271,293,097 | 797,570 | 0.0006 | 0.9994 | 99.26 |
| 14.5 | 1,265,251,668 | 7,739,434 | 0.0061 | 0.9939 | 99.20 |
| 15.5 | 1,248,481,376 | 5,823,717 | 0.0047 | 0.9953 | 98.59 |
| 16.5 | 1,230,455,134 | 7,203,055 | 0.0059 | 0.9941 | 98.13 |
| 17.5 | 1,215,097,452 | 3,866,896 | 0.0032 | 0.9968 | 97.56 |
| 18.5 | 1,202,290,642 | 4,140,535 | 0.0034 | 0.9966 | 97.25 |
| 19.5 | 1,190,837,062 | 8,263,767 | 0.0069 | 0.9931 | 96.91 |
| 20.5 | 1,160,445,686 | 5,132,203 | 0.0044 | 0.9956 | 96.24 |
| 21.5 | 1,152,217,723 | 2,984,111 | 0.0026 | 0.9974 | 95.81 |
| 22.5 | 1,099,987,554 | 8,640,528 | 0.0079 | 0.9921 | 95.56 |
| 23.5 | 1,076,287,340 | 6,654,838 | 0.0062 | 0.9938 | 94.81 |
| 24.5 | 1,053,554,608 | 6,513,465 | 0.0062 | 0.9938 | 94.23 |
| 25.5 | 849,007,013 | 17,573,618 | 0.0207 | 0.9793 | 93.64 |
| 26.5 | 722,621,606 | 5,876,003 | 0.0081 | 0.9919 | 91.71 |
| 27.5 | 500,102,886 | 4,114,398 | 0.0082 | 0.9918 | 90.96 |
| 28.5 | 478,841,738 | 2,350,947 | 0.0049 | 0.9951 | 90.21 |
| 29.5 | 474,782,837 | 3,194,795 | 0.0067 | 0.9933 | 89.77 |
| 30.5 | 263,606,588 | 3,786,640 | 0.0144 | 0.9856 | 89.17 |
| 31.5 | 259,191,535 | 3,631,494 | 0.0140 | 0.9860 | 87.88 |
| 32.5 | 254,512,174 | 8,065,765 | 0.0317 | 0.9683 | 86.65 |
| 33.5 | 245,773,512 | 5,863,843 | 0.0239 | 0.9761 | 83.91 |
| 34.5 | 236,962,549 | 2,305,137 | 0.0097 | 0.9903 | 81.91 |
| 35.5 | 232,744,486 | 2,309,378 | 0.0099 | 0.9901 | 81.11 |
| 36.5 | 204,484,643 | 3,074,103 | 0.0150 | 0.9850 | 80.30 |
| 37.5 | 126,678,041 | 798,696 | 0.0063 | 0.9937 | 79.10 |
| 38.5 | 92,609,063 | 237,683 | 0.0026 | 0.9974 | 78.60 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 79,994,201 | 155,384 | 0.0019 | 0.9981 | 78.40 |
| 40.5 | 78,119,130 | 657,381 | 0.0084 | 0.9916 | 78.24 |
| 41.5 | 70,049,235 | 107,368 | 0.0015 | 0.9985 | 77.59 |
| 42.5 | 61,809,225 | 552,603 | 0.0089 | 0.9911 | 77.47 |
| 43.5 | 61,255,586 | 412,077 | 0.0067 | 0.9933 | 76.77 |
| 44.5 | 60,809,493 | 644,494 | 0.0106 | 0.9894 | 76.26 |
| 45.5 | 54,262,874 | 85,016 | 0.0016 | 0.9984 | 75.45 |
| 46.5 | 48,181,274 | 45,635 | 0.0009 | 0.9991 | 75.33 |
| 47.5 | 48,117,997 | 128,544 | 0.0027 | 0.9973 | 75.26 |
| 48.5 | 47,975,134 | | 0.0000 | 1.0000 | 75.06 |
| 49.5 | 47,962,271 | 652,839 | 0.0136 | 0.9864 | 75.06 |
| 50.5 | 43,835,112 | 15,473 | 0.0004 | 0.9996 | 74.04 |
| 51.5 | 40,268,218 | 137,211 | 0.0034 | 0.9966 | 74.01 |
| 52.5 | 34,830,548 | 11,911 | 0.0003 | 0.9997 | 73.76 |
| 53.5 | 31,875,133 | 48,481 | 0.0015 | 0.9985 | 73.73 |
| 54.5 | 25,174,133 | 60,576 | 0.0024 | 0.9976 | 73.62 |
| 55.5 | 25,113,557 | 38,986 | 0.0016 | 0.9984 | 73.44 |
| 56.5 | 22,573,217 | 544,188 | 0.0241 | 0.9759 | 73.33 |
| 57.5 | 18,516,007 | 46,794 | 0.0025 | 0.9975 | 71.56 |
| 58.5 | 14,334,029 | 172,494 | 0.0120 | 0.9880 | 71.38 |
| 59.5 | 11,775,072 | 71,995 | 0.0061 | 0.9939 | 70.52 |
| 60.5 | 9,091,699 | | 0.0000 | 1.0000 | 70.09 |
| 61.5 | 7,771,312 | 15,594 | 0.0020 | 0.9980 | 70.09 |
| 62.5 | 6,640,029 | | 0.0000 | 1.0000 | 69.95 |
| 63.5 | 4,645,270 | | 0.0000 | 1.0000 | 69.95 |
| 64.5 | 4,645,270 | 8,525 | 0.0018 | 0.9982 | 69.95 |
| 65.5 | 4,636,745 | | 0.0000 | 1.0000 | 69.82 |
| 66.5 | 4,636,745 | 20,000 | 0.0043 | 0.9957 | 69.82 |
| 67.5 | 4,616,745 | 656 | 0.0001 | 0.9999 | 69.52 |
| 68.5 | 4,616,089 | 14,699 | 0.0032 | 0.9968 | 69.51 |
| 69.5 | 4,219,213 | 180,000 | 0.0427 | 0.9573 | 69.29 |
| 70.5 | 3,347,023 | 1,662 | 0.0005 | 0.9995 | 66.33 |
| 71.5 | 2,563,114 | | 0.0000 | 1.0000 | 66.30 |
| 72.5 | 2,563,114 | 813 | 0.0003 | 0.9997 | 66.30 |
| 73.5 | 2,159,474 | | 0.0000 | 1.0000 | 66.28 |
| 74.5 | 2,159,474 | 32,570 | 0.0151 | 0.9849 | 66.28 |
| 75.5 | 2,126,904 | | 0.0000 | 1.0000 | 65.28 |
| 76.5 | 2,126,904 | | 0.0000 | 1.0000 | 65.28 |
| 77.5 | 2,126,904 | 9,822 | 0.0046 | 0.9954 | 65.28 |
| 78.5 | 2,117,082 | | 0.0000 | 1.0000 | 64.98 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 2,117,082 | | 0.0000 | 1.0000 | 64.98 |
| 80.5 | 2,117,082 | | 0.0000 | 1.0000 | 64.98 |
| 81.5 | 763,998 | 2,350 | 0.0031 | 0.9969 | 64.98 |
| 82.5 | 761,648 | | 0.0000 | 1.0000 | 64.78 |
| 83.5 | 761,648 | 267 | 0.0003 | 0.9997 | 64.78 |
| 84.5 | 761,382 | | 0.0000 | 1.0000 | 64.76 |
| 85.5 | | | | | 64.76 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 844,719,846 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 703,388,704 | 11,850 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 644,912,210 | 239,443 | 0.0004 | 0.9996 | 100.00 |
| 2.5 | 585,696,178 | 1,472,402 | 0.0025 | 0.9975 | 99.96 |
| 3.5 | 567,397,445 | 1,123,497 | 0.0020 | 0.9980 | 99.71 |
| 4.5 | 550,857,168 | 307,713 | 0.0006 | 0.9994 | 99.51 |
| 5.5 | 708,808,177 | 314,225 | 0.0004 | 0.9996 | 99.46 |
| 6.5 | 791,857,510 | 455,063 | 0.0006 | 0.9994 | 99.41 |
| 7.5 | 977,523,781 | 752,145 | 0.0008 | 0.9992 | 99.36 |
| 8.5 | 829,949,163 | 73,156 | 0.0001 | 0.9999 | 99.28 |
| 9.5 | 809,194,770 | 722,093 | 0.0009 | 0.9991 | 99.27 |
| 10.5 | 1,038,306,593 | 93,735 | 0.0001 | 0.9999 | 99.18 |
| 11.5 | 1,024,573,625 | 2,721,190 | 0.0027 | 0.9973 | 99.17 |
| 12.5 | 1,016,360,529 | 582,817 | 0.0006 | 0.9994 | 98.91 |
| 13.5 | 998,282,752 | 796,377 | 0.0008 | 0.9992 | 98.85 |
| 14.5 | 995,218,936 | 7,739,434 | 0.0078 | 0.9922 | 98.77 |
| 15.5 | 980,973,698 | 5,823,717 | 0.0059 | 0.9941 | 98.01 |
| 16.5 | 988,134,298 | 3,645,357 | 0.0037 | 0.9963 | 97.42 |
| 17.5 | 1,075,721,592 | 3,843,408 | 0.0036 | 0.9964 | 97.06 |
| 18.5 | 1,109,679,366 | 4,140,535 | 0.0037 | 0.9963 | 96.72 |
| 19.5 | 1,111,292,739 | 8,263,767 | 0.0074 | 0.9926 | 96.36 |
| 20.5 | 1,082,628,678 | 5,132,203 | 0.0047 | 0.9953 | 95.64 |
| 21.5 | 1,081,557,647 | 2,984,111 | 0.0028 | 0.9972 | 95.19 |
| 22.5 | 1,037,973,246 | 8,640,528 | 0.0083 | 0.9917 | 94.92 |
| 23.5 | 1,014,274,156 | 6,654,838 | 0.0066 | 0.9934 | 94.13 |
| 24.5 | 991,575,440 | 6,496,271 | 0.0066 | 0.9934 | 93.52 |
| 25.5 | 792,964,499 | 17,436,141 | 0.0220 | 0.9780 | 92.90 |
| 26.5 | 677,623,871 | 5,874,803 | 0.0087 | 0.9913 | 90.86 |
| 27.5 | 455,123,993 | 4,099,553 | 0.0090 | 0.9910 | 90.07 |
| 28.5 | 433,892,009 | 2,350,947 | 0.0054 | 0.9946 | 89.26 |
| 29.5 | 425,592,845 | 3,194,795 | 0.0075 | 0.9925 | 88.78 |
| 30.5 | 217,917,074 | 3,786,640 | 0.0174 | 0.9826 | 88.11 |
| 31.5 | 217,099,372 | 3,499,770 | 0.0161 | 0.9839 | 86.58 |
| 32.5 | 217,928,009 | 8,021,981 | 0.0368 | 0.9632 | 85.19 |
| 33.5 | 211,242,437 | 5,435,545 | 0.0257 | 0.9743 | 82.05 |
| 34.5 | 210,066,797 | 2,305,137 | 0.0110 | 0.9890 | 79.94 |
| 35.5 | 205,237,349 | 2,309,378 | 0.0113 | 0.9887 | 79.06 |
| 36.5 | 179,537,510 | 2,966,766 | 0.0165 | 0.9835 | 78.17 |
| 37.5 | 105,531,956 | 435,557 | 0.0041 | 0.9959 | 76.88 |
| 38.5 | 76,122,734 | 237,683 | 0.0031 | 0.9969 | 76.56 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 66,084,237 | 44,417 | 0.0007 | 0.9993 | 76.32 |
| 40.5 | 67,629,377 | 635,812 | 0.0094 | 0.9906 | 76.27 |
| 41.5 | 61,065,676 | 107,368 | 0.0018 | 0.9982 | 75.55 |
| 42.5 | 53,994,174 | 376,800 | 0.0070 | 0.9930 | 75.42 |
| 43.5 | 55,611,097 | 412,077 | 0.0074 | 0.9926 | 74.90 |
| 44.5 | 55,165,004 | 644,494 | 0.0117 | 0.9883 | 74.34 |
| 45.5 | 48,618,385 | 85,016 | 0.0017 | 0.9983 | 73.47 |
| 46.5 | 42,536,785 | 45,635 | 0.0011 | 0.9989 | 73.34 |
| 47.5 | 42,473,508 | 128,544 | 0.0030 | 0.9970 | 73.27 |
| 48.5 | 42,330,645 | | 0.0000 | 1.0000 | 73.04 |
| 49.5 | 42,867,439 | 41,454 | 0.0010 | 0.9990 | 73.04 |
| 50.5 | 40,106,203 | 15,473 | 0.0004 | 0.9996 | 72.97 |
| 51.5 | 37,382,019 | 95,832 | 0.0026 | 0.9974 | 72.94 |
| 52.5 | 31,985,728 | 11,911 | 0.0004 | 0.9996 | 72.76 |
| 53.5 | 29,457,234 | 48,481 | 0.0016 | 0.9984 | 72.73 |
| 54.5 | 22,756,234 | 60,576 | 0.0027 | 0.9973 | 72.61 |
| 55.5 | 22,695,658 | 38,986 | 0.0017 | 0.9983 | 72.42 |
| 56.5 | 20,155,318 | 544,188 | 0.0270 | 0.9730 | 72.29 |
| 57.5 | 16,098,108 | 46,794 | 0.0029 | 0.9971 | 70.34 |
| 58.5 | 11,916,130 | 172,494 | 0.0145 | 0.9855 | 70.14 |
| 59.5 | 9,357,173 | 16,045 | 0.0017 | 0.9983 | 69.12 |
| 60.5 | 6,729,750 | | 0.0000 | 1.0000 | 69.00 |
| 61.5 | 6,771,793 | 15,594 | 0.0023 | 0.9977 | 69.00 |
| 62.5 | 5,640,510 | | 0.0000 | 1.0000 | 68.84 |
| 63.5 | 3,645,751 | | 0.0000 | 1.0000 | 68.84 |
| 64.5 | 3,645,751 | 8,525 | 0.0023 | 0.9977 | 68.84 |
| 65.5 | 4,636,745 | | 0.0000 | 1.0000 | 68.68 |
| 66.5 | 4,636,745 | 20,000 | 0.0043 | 0.9957 | 68.68 |
| 67.5 | 4,616,745 | 656 | 0.0001 | 0.9999 | 68.39 |
| 68.5 | 4,616,089 | 14,699 | 0.0032 | 0.9968 | 68.38 |
| 69.5 | 4,219,213 | 180,000 | 0.0427 | 0.9573 | 68.16 |
| 70.5 | 3,347,023 | 1,662 | 0.0005 | 0.9995 | 65.25 |
| 71.5 | 2,563,114 | | 0.0000 | 1.0000 | 65.22 |
| 72.5 | 2,563,114 | 813 | 0.0003 | 0.9997 | 65.22 |
| 73.5 | 2,159,474 | | 0.0000 | 1.0000 | 65.20 |
| 74.5 | 2,159,474 | 32,570 | 0.0151 | 0.9849 | 65.20 |
| 75.5 | 2,126,904 | | 0.0000 | 1.0000 | 64.22 |
| 76.5 | 2,126,904 | | 0.0000 | 1.0000 | 64.22 |
| 77.5 | 2,126,904 | 9,822 | 0.0046 | 0.9954 | 64.22 |
| 78.5 | 2,117,082 | | 0.0000 | 1.0000 | 63.92 |

DUKE ENERGY CAROLINAS

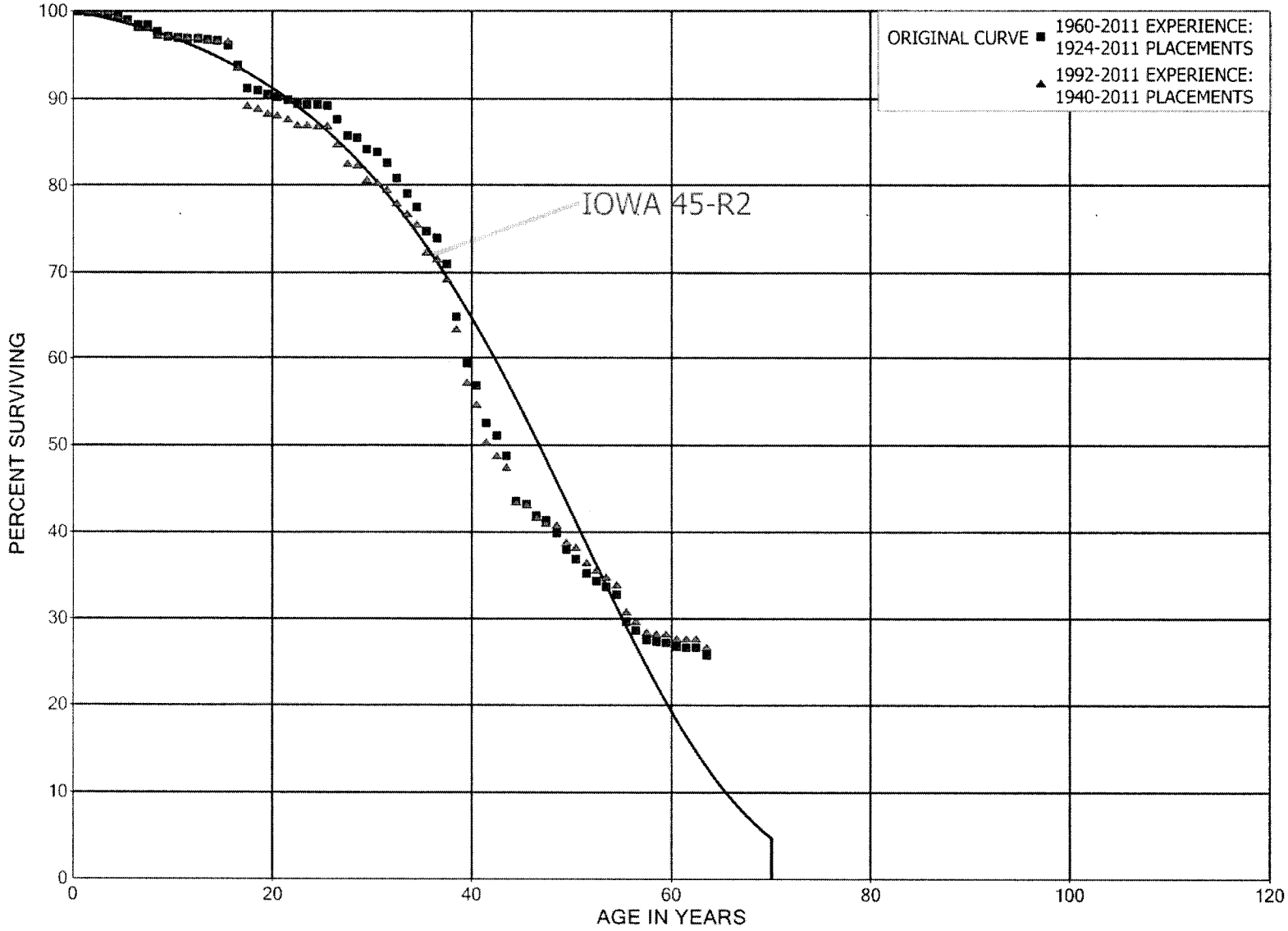
ACCOUNT 311 AND 321 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 2,117,082 | | 0.0000 | 1.0000 | 63.92 |
| 80.5 | 2,117,082 | | 0.0000 | 1.0000 | 63.92 |
| 81.5 | 763,998 | 2,350 | 0.0031 | 0.9969 | 63.92 |
| 82.5 | 761,648 | | 0.0000 | 1.0000 | 63.72 |
| 83.5 | 761,648 | 267 | 0.0003 | 0.9997 | 63.72 |
| 84.5 | 761,382 | | 0.0000 | 1.0000 | 63.70 |
| 85.5 | | | | | 63.70 |

DUKE ENERGY CAROLINAS
ACCOUNT 312 BOILER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 4,544,893,891 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 4,480,884,177 | 7,014,751 | 0.0016 | 0.9984 | 100.00 |
| 1.5 | 3,828,632,127 | 1,260,682 | 0.0003 | 0.9997 | 99.84 |
| 2.5 | 3,253,558,553 | 2,012,888 | 0.0006 | 0.9994 | 99.81 |
| 3.5 | 2,529,995,826 | 8,242,233 | 0.0033 | 0.9967 | 99.75 |
| 4.5 | 1,942,850,231 | 8,411,393 | 0.0043 | 0.9957 | 99.42 |
| 5.5 | 1,823,405,312 | 10,650,174 | 0.0058 | 0.9942 | 98.99 |
| 6.5 | 1,775,657,439 | 304,562 | 0.0002 | 0.9998 | 98.42 |
| 7.5 | 1,734,337,300 | 14,256,308 | 0.0082 | 0.9918 | 98.40 |
| 8.5 | 1,385,238,006 | 7,172,559 | 0.0052 | 0.9948 | 97.59 |
| 9.5 | 1,229,906,793 | 1,285,441 | 0.0010 | 0.9990 | 97.08 |
| 10.5 | 1,198,402,464 | 1,422,765 | 0.0012 | 0.9988 | 96.98 |
| 11.5 | 1,134,552,618 | 907,571 | 0.0008 | 0.9992 | 96.87 |
| 12.5 | 1,050,006,541 | 1,240,230 | 0.0012 | 0.9988 | 96.79 |
| 13.5 | 1,035,098,816 | 179,393 | 0.0002 | 0.9998 | 96.68 |
| 14.5 | 1,022,699,163 | 6,029,491 | 0.0059 | 0.9941 | 96.66 |
| 15.5 | 996,019,294 | 23,345,374 | 0.0234 | 0.9766 | 96.09 |
| 16.5 | 958,950,784 | 26,678,919 | 0.0278 | 0.9722 | 93.84 |
| 17.5 | 891,213,898 | 3,123,604 | 0.0035 | 0.9965 | 91.23 |
| 18.5 | 841,629,838 | 4,090,505 | 0.0049 | 0.9951 | 90.91 |
| 19.5 | 793,617,575 | 2,356,416 | 0.0030 | 0.9970 | 90.46 |
| 20.5 | 704,888,100 | 2,435,774 | 0.0035 | 0.9965 | 90.20 |
| 21.5 | 655,627,200 | 3,829,286 | 0.0058 | 0.9942 | 89.88 |
| 22.5 | 586,810,559 | 263,670 | 0.0004 | 0.9996 | 89.36 |
| 23.5 | 568,575,520 | 538,619 | 0.0009 | 0.9991 | 89.32 |
| 24.5 | 550,387,560 | 142,949 | 0.0003 | 0.9997 | 89.23 |
| 25.5 | 544,434,306 | 10,078,050 | 0.0185 | 0.9815 | 89.21 |
| 26.5 | 525,461,285 | 11,320,621 | 0.0215 | 0.9785 | 87.56 |
| 27.5 | 509,981,072 | 1,224,721 | 0.0024 | 0.9976 | 85.67 |
| 28.5 | 501,339,697 | 7,767,427 | 0.0155 | 0.9845 | 85.47 |
| 29.5 | 491,814,317 | 2,049,552 | 0.0042 | 0.9958 | 84.14 |
| 30.5 | 481,349,756 | 6,584,688 | 0.0137 | 0.9863 | 83.79 |
| 31.5 | 471,669,751 | 10,362,865 | 0.0220 | 0.9780 | 82.65 |
| 32.5 | 459,690,612 | 9,777,486 | 0.0213 | 0.9787 | 80.83 |
| 33.5 | 445,114,765 | 8,894,330 | 0.0200 | 0.9800 | 79.11 |
| 34.5 | 427,836,175 | 15,711,622 | 0.0367 | 0.9633 | 77.53 |
| 35.5 | 404,346,521 | 3,862,191 | 0.0096 | 0.9904 | 74.68 |
| 36.5 | 331,405,359 | 13,270,397 | 0.0400 | 0.9600 | 73.97 |
| 37.5 | 267,240,719 | 23,166,824 | 0.0867 | 0.9133 | 71.01 |
| 38.5 | 214,714,245 | 18,009,438 | 0.0839 | 0.9161 | 64.85 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 172,840,318 | 7,546,096 | 0.0437 | 0.9563 | 59.41 |
| 40.5 | 162,471,845 | 12,274,803 | 0.0756 | 0.9244 | 56.82 |
| 41.5 | 120,354,487 | 3,389,541 | 0.0282 | 0.9718 | 52.53 |
| 42.5 | 101,572,579 | 4,715,221 | 0.0464 | 0.9536 | 51.05 |
| 43.5 | 96,381,709 | 10,187,450 | 0.1057 | 0.8943 | 48.68 |
| 44.5 | 86,074,038 | 657,779 | 0.0076 | 0.9924 | 43.53 |
| 45.5 | 74,825,665 | 2,387,340 | 0.0319 | 0.9681 | 43.20 |
| 46.5 | 64,027,079 | 867,618 | 0.0136 | 0.9864 | 41.82 |
| 47.5 | 63,084,960 | 2,173,654 | 0.0345 | 0.9655 | 41.25 |
| 48.5 | 60,798,598 | 2,831,589 | 0.0466 | 0.9534 | 39.83 |
| 49.5 | 57,846,248 | 1,672,562 | 0.0289 | 0.9711 | 37.98 |
| 50.5 | 48,380,711 | 2,231,048 | 0.0461 | 0.9539 | 36.88 |
| 51.5 | 42,229,440 | 1,045,234 | 0.0248 | 0.9752 | 35.18 |
| 52.5 | 36,011,692 | 697,231 | 0.0194 | 0.9806 | 34.31 |
| 53.5 | 27,059,689 | 757,225 | 0.0280 | 0.9720 | 33.64 |
| 54.5 | 25,201,304 | 2,339,583 | 0.0928 | 0.9072 | 32.70 |
| 55.5 | 22,861,721 | 790,197 | 0.0346 | 0.9654 | 29.67 |
| 56.5 | 20,150,332 | 815,269 | 0.0405 | 0.9595 | 28.64 |
| 57.5 | 16,977,460 | 146,659 | 0.0086 | 0.9914 | 27.48 |
| 58.5 | 12,867,710 | 18,377 | 0.0014 | 0.9986 | 27.25 |
| 59.5 | 10,384,580 | 201,910 | 0.0194 | 0.9806 | 27.21 |
| 60.5 | 5,734,041 | 3,029 | 0.0005 | 0.9995 | 26.68 |
| 61.5 | 3,016,450 | | 0.0000 | 1.0000 | 26.66 |
| 62.5 | 1,728,921 | 57,495 | 0.0333 | 0.9667 | 26.66 |
| 63.5 | 611,375 | | 0.0000 | 1.0000 | 25.78 |
| 64.5 | 611,375 | | 0.0000 | 1.0000 | 25.78 |
| 65.5 | 611,375 | 5,398 | 0.0088 | 0.9912 | 25.78 |
| 66.5 | 605,977 | | 0.0000 | 1.0000 | 25.55 |
| 67.5 | 605,977 | 4,837 | 0.0080 | 0.9920 | 25.55 |
| 68.5 | 601,140 | 250,640 | 0.4169 | 0.5831 | 25.34 |
| 69.5 | 350,500 | | 0.0000 | 1.0000 | 14.78 |
| 70.5 | 350,500 | | 0.0000 | 1.0000 | 14.78 |
| 71.5 | | | | | 14.78 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1940-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 3,809,412,473 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 3,823,897,708 | 6,703,797 | 0.0018 | 0.9982 | 100.00 |
| 1.5 | 3,211,049,055 | 778,636 | 0.0002 | 0.9998 | 99.82 |
| 2.5 | 2,679,658,005 | 1,765,037 | 0.0007 | 0.9993 | 99.80 |
| 3.5 | 1,974,327,719 | 8,046,604 | 0.0041 | 0.9959 | 99.73 |
| 4.5 | 1,398,953,911 | 8,410,610 | 0.0060 | 0.9940 | 99.33 |
| 5.5 | 1,274,841,003 | 10,523,582 | 0.0083 | 0.9917 | 98.73 |
| 6.5 | 1,225,200,082 | 207,442 | 0.0002 | 0.9998 | 97.92 |
| 7.5 | 1,180,979,681 | 9,464,264 | 0.0080 | 0.9920 | 97.90 |
| 8.5 | 839,761,111 | 33,559 | 0.0000 | 1.0000 | 97.11 |
| 9.5 | 693,478,067 | 1,054,860 | 0.0015 | 0.9985 | 97.11 |
| 10.5 | 668,316,889 | 1,060,470 | 0.0016 | 0.9984 | 96.96 |
| 11.5 | 603,735,147 | 159,498 | 0.0003 | 0.9997 | 96.81 |
| 12.5 | 522,878,910 | 1,240,230 | 0.0024 | 0.9976 | 96.78 |
| 13.5 | 515,263,299 | 582 | 0.0000 | 1.0000 | 96.55 |
| 14.5 | 511,406,117 | 994,308 | 0.0019 | 0.9981 | 96.55 |
| 15.5 | 498,845,827 | 15,116,667 | 0.0303 | 0.9697 | 96.37 |
| 16.5 | 568,563,986 | 26,678,919 | 0.0469 | 0.9531 | 93.45 |
| 17.5 | 570,655,310 | 2,209,339 | 0.0039 | 0.9961 | 89.06 |
| 18.5 | 556,544,227 | 3,571,007 | 0.0064 | 0.9936 | 88.72 |
| 19.5 | 557,874,215 | 1,170,298 | 0.0021 | 0.9979 | 88.15 |
| 20.5 | 472,669,567 | 2,194,219 | 0.0046 | 0.9954 | 87.96 |
| 21.5 | 461,407,968 | 3,776,353 | 0.0082 | 0.9918 | 87.55 |
| 22.5 | 425,709,865 | 156,393 | 0.0004 | 0.9996 | 86.84 |
| 23.5 | 408,070,166 | 459,380 | 0.0011 | 0.9989 | 86.81 |
| 24.5 | 390,091,481 | 6,737 | 0.0000 | 1.0000 | 86.71 |
| 25.5 | 402,312,379 | 9,543,322 | 0.0237 | 0.9763 | 86.71 |
| 26.5 | 402,191,550 | 10,731,281 | 0.0267 | 0.9733 | 84.65 |
| 27.5 | 387,375,178 | 1,221,878 | 0.0032 | 0.9968 | 82.39 |
| 28.5 | 378,849,354 | 7,586,466 | 0.0200 | 0.9800 | 82.13 |
| 29.5 | 366,790,181 | 1,563,840 | 0.0043 | 0.9957 | 80.49 |
| 30.5 | 370,251,981 | 3,517,265 | 0.0095 | 0.9905 | 80.14 |
| 31.5 | 376,700,874 | 7,588,729 | 0.0201 | 0.9799 | 79.38 |
| 32.5 | 378,514,534 | 5,561,839 | 0.0147 | 0.9853 | 77.78 |
| 33.5 | 375,191,727 | 5,995,379 | 0.0160 | 0.9840 | 76.64 |
| 34.5 | 369,816,161 | 15,637,531 | 0.0423 | 0.9577 | 75.42 |
| 35.5 | 345,522,671 | 3,861,265 | 0.0112 | 0.9888 | 72.23 |
| 36.5 | 276,117,885 | 9,099,524 | 0.0330 | 0.9670 | 71.42 |
| 37.5 | 222,788,576 | 18,502,965 | 0.0831 | 0.9169 | 69.07 |
| 38.5 | 182,382,812 | 17,990,764 | 0.0986 | 0.9014 | 63.33 |

DUKE ENERGY CAROLINAS

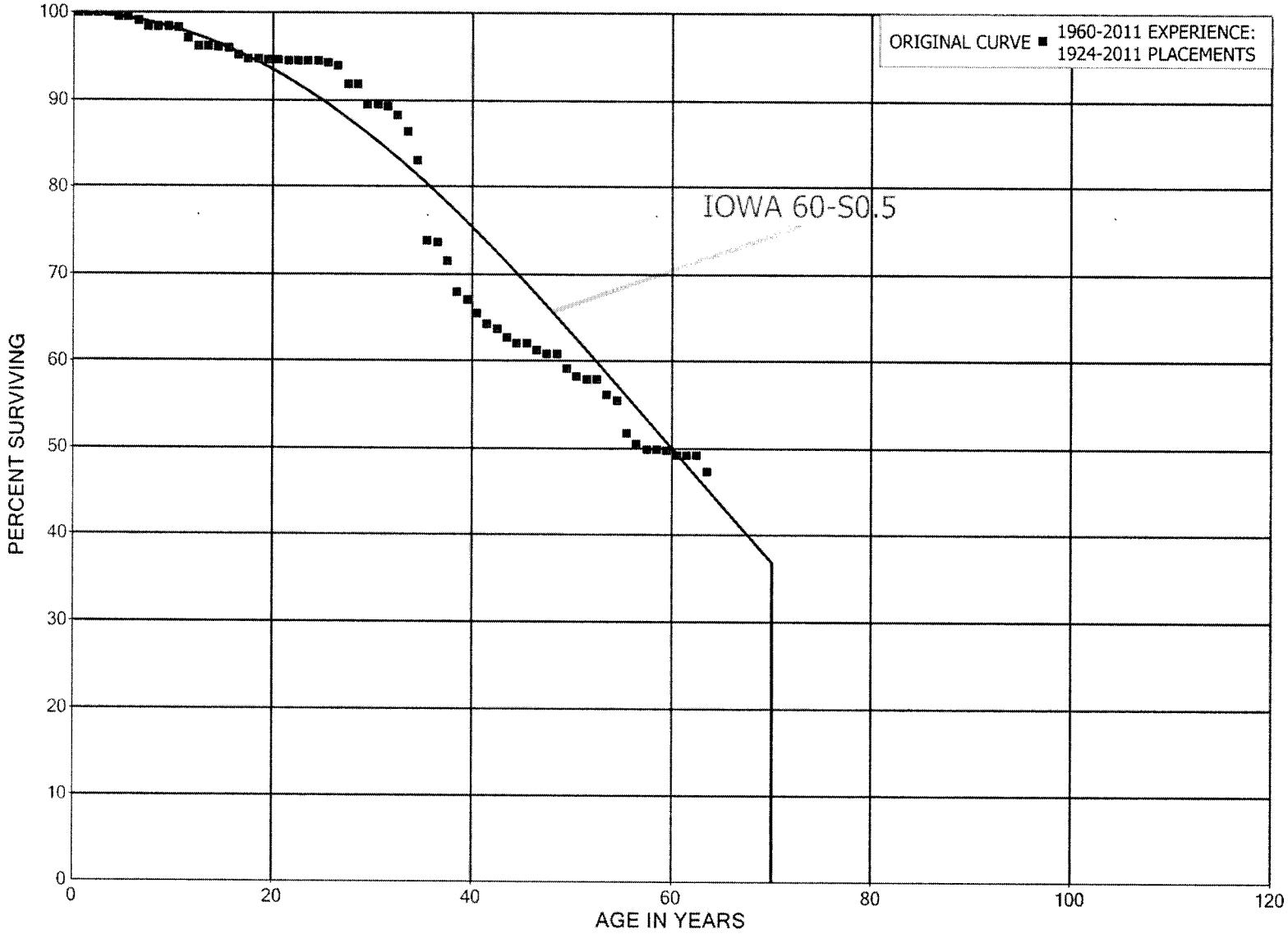
ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1940-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 145,969,660 | 6,563,740 | 0.0450 | 0.9550 | 57.08 |
| 40.5 | 143,557,388 | 11,304,542 | 0.0787 | 0.9213 | 54.52 |
| 41.5 | 105,213,027 | 3,389,541 | 0.0322 | 0.9678 | 50.22 |
| 42.5 | 88,225,198 | 2,341,077 | 0.0265 | 0.9735 | 48.60 |
| 43.5 | 87,182,222 | 7,351,935 | 0.0843 | 0.9157 | 47.32 |
| 44.5 | 79,710,066 | 657,779 | 0.0083 | 0.9917 | 43.33 |
| 45.5 | 68,461,693 | 2,387,340 | 0.0349 | 0.9651 | 42.97 |
| 46.5 | 57,663,107 | 867,618 | 0.0150 | 0.9850 | 41.47 |
| 47.5 | 56,720,988 | 245,329 | 0.0043 | 0.9957 | 40.85 |
| 48.5 | 56,362,951 | 2,831,589 | 0.0502 | 0.9498 | 40.67 |
| 49.5 | 54,115,092 | 794,635 | 0.0147 | 0.9853 | 38.63 |
| 50.5 | 46,859,971 | 2,231,048 | 0.0476 | 0.9524 | 38.06 |
| 51.5 | 42,229,440 | 1,045,234 | 0.0248 | 0.9752 | 36.25 |
| 52.5 | 36,011,692 | 697,231 | 0.0194 | 0.9806 | 35.35 |
| 53.5 | 27,059,689 | 757,225 | 0.0280 | 0.9720 | 34.66 |
| 54.5 | 25,201,304 | 2,339,583 | 0.0928 | 0.9072 | 33.69 |
| 55.5 | 22,861,721 | 790,197 | 0.0346 | 0.9654 | 30.57 |
| 56.5 | 20,150,332 | 815,269 | 0.0405 | 0.9595 | 29.51 |
| 57.5 | 16,977,460 | 146,659 | 0.0086 | 0.9914 | 28.32 |
| 58.5 | 12,867,710 | 18,377 | 0.0014 | 0.9986 | 28.07 |
| 59.5 | 10,384,580 | 201,910 | 0.0194 | 0.9806 | 28.03 |
| 60.5 | 5,734,041 | 3,029 | 0.0005 | 0.9995 | 27.49 |
| 61.5 | 3,016,450 | | 0.0000 | 1.0000 | 27.47 |
| 62.5 | 1,728,921 | 57,495 | 0.0333 | 0.9667 | 27.47 |
| 63.5 | 611,375 | | 0.0000 | 1.0000 | 26.56 |
| 64.5 | 611,375 | | 0.0000 | 1.0000 | 26.56 |
| 65.5 | 611,375 | 5,398 | 0.0088 | 0.9912 | 26.56 |
| 66.5 | 605,977 | | 0.0000 | 1.0000 | 26.32 |
| 67.5 | 605,977 | 4,837 | 0.0080 | 0.9920 | 26.32 |
| 68.5 | 601,140 | 250,640 | 0.4169 | 0.5831 | 26.11 |
| 69.5 | 350,500 | | 0.0000 | 1.0000 | 15.23 |
| 70.5 | 350,500 | | 0.0000 | 1.0000 | 15.23 |
| 71.5 | | | | | 15.23 |

DUKE ENERGY CAROLINAS
ACCOUNT 314 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 626,889,832 | 217,160 | 0.0003 | 0.9997 | 100.00 |
| 0.5 | 617,415,090 | | 0.0000 | 1.0000 | 99.97 |
| 1.5 | 541,010,855 | 268,015 | 0.0005 | 0.9995 | 99.97 |
| 2.5 | 493,795,600 | | 0.0000 | 1.0000 | 99.92 |
| 3.5 | 457,891,174 | 1,762,113 | 0.0038 | 0.9962 | 99.92 |
| 4.5 | 453,724,513 | | 0.0000 | 1.0000 | 99.53 |
| 5.5 | 428,724,690 | 2,244,549 | 0.0052 | 0.9948 | 99.53 |
| 6.5 | 427,850,422 | 2,475,016 | 0.0058 | 0.9942 | 99.01 |
| 7.5 | 408,107,483 | 55,628 | 0.0001 | 0.9999 | 98.44 |
| 8.5 | 394,812,647 | | 0.0000 | 1.0000 | 98.42 |
| 9.5 | 388,884,187 | 550,141 | 0.0014 | 0.9986 | 98.42 |
| 10.5 | 367,628,854 | 4,677,851 | 0.0127 | 0.9873 | 98.28 |
| 11.5 | 342,221,217 | 2,945,251 | 0.0086 | 0.9914 | 97.03 |
| 12.5 | 332,351,654 | | 0.0000 | 1.0000 | 96.20 |
| 13.5 | 332,101,097 | 492,611 | 0.0015 | 0.9985 | 96.20 |
| 14.5 | 331,458,652 | 233,481 | 0.0007 | 0.9993 | 96.06 |
| 15.5 | 326,424,027 | 2,730,484 | 0.0084 | 0.9916 | 95.99 |
| 16.5 | 320,552,616 | 1,403,973 | 0.0044 | 0.9956 | 95.19 |
| 17.5 | 309,481,082 | 236,372 | 0.0008 | 0.9992 | 94.77 |
| 18.5 | 300,460,839 | 295,319 | 0.0010 | 0.9990 | 94.70 |
| 19.5 | 293,806,328 | 93,572 | 0.0003 | 0.9997 | 94.60 |
| 20.5 | 275,748,493 | 65,740 | 0.0002 | 0.9998 | 94.57 |
| 21.5 | 268,849,215 | 95,413 | 0.0004 | 0.9996 | 94.55 |
| 22.5 | 258,368,909 | 14,861 | 0.0001 | 0.9999 | 94.52 |
| 23.5 | 256,845,413 | 55,896 | 0.0002 | 0.9998 | 94.51 |
| 24.5 | 249,558,750 | 462,218 | 0.0019 | 0.9981 | 94.49 |
| 25.5 | 248,578,755 | 1,034,632 | 0.0042 | 0.9958 | 94.32 |
| 26.5 | 242,811,469 | 5,455,901 | 0.0225 | 0.9775 | 93.92 |
| 27.5 | 233,146,852 | 3,791 | 0.0000 | 1.0000 | 91.81 |
| 28.5 | 232,941,139 | 5,967,416 | 0.0256 | 0.9744 | 91.81 |
| 29.5 | 228,624,994 | | 0.0000 | 1.0000 | 89.46 |
| 30.5 | 227,385,352 | 353,634 | 0.0016 | 0.9984 | 89.46 |
| 31.5 | 226,720,597 | 2,534,517 | 0.0112 | 0.9888 | 89.32 |
| 32.5 | 223,508,748 | 4,915,857 | 0.0220 | 0.9780 | 88.32 |
| 33.5 | 218,595,163 | 8,476,151 | 0.0388 | 0.9612 | 86.38 |
| 34.5 | 207,183,760 | 23,065,420 | 0.1113 | 0.8887 | 83.03 |
| 35.5 | 183,993,724 | 327,082 | 0.0018 | 0.9982 | 73.79 |
| 36.5 | 165,193,846 | 4,768,762 | 0.0289 | 0.9711 | 73.66 |
| 37.5 | 146,367,789 | 7,315,953 | 0.0500 | 0.9500 | 71.53 |
| 38.5 | 141,084,648 | 1,756,960 | 0.0125 | 0.9875 | 67.95 |

DUKE ENERGY CAROLINAS

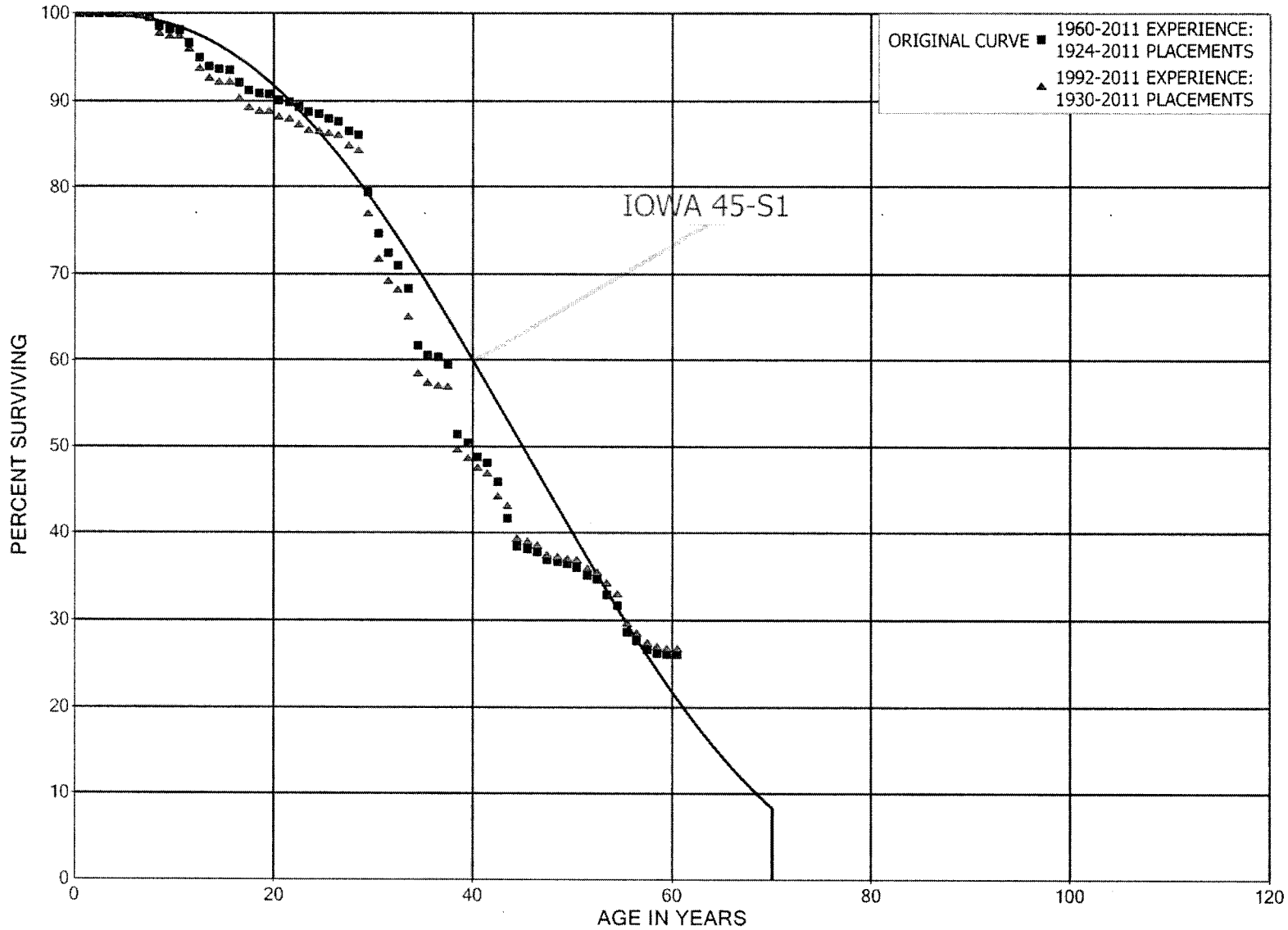
ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 126,417,676 | 2,918,014 | 0.0231 | 0.9769 | 67.11 |
| 40.5 | 122,711,149 | 2,438,068 | 0.0199 | 0.9801 | 65.56 |
| 41.5 | 107,464,237 | 952,656 | 0.0089 | 0.9911 | 64.26 |
| 42.5 | 96,143,681 | 1,372,562 | 0.0143 | 0.9857 | 63.69 |
| 43.5 | 94,765,222 | 1,042,986 | 0.0110 | 0.9890 | 62.78 |
| 44.5 | 93,722,236 | 45,982 | 0.0005 | 0.9995 | 62.09 |
| 45.5 | 84,086,225 | 985,794 | 0.0117 | 0.9883 | 62.06 |
| 46.5 | 74,184,538 | 581,875 | 0.0078 | 0.9922 | 61.33 |
| 47.5 | 73,592,755 | | 0.0000 | 1.0000 | 60.85 |
| 48.5 | 73,591,115 | 1,998,434 | 0.0272 | 0.9728 | 60.85 |
| 49.5 | 71,531,839 | 1,060,970 | 0.0148 | 0.9852 | 59.19 |
| 50.5 | 62,460,178 | 357,429 | 0.0057 | 0.9943 | 58.32 |
| 51.5 | 55,461,090 | 66,441 | 0.0012 | 0.9988 | 57.98 |
| 52.5 | 47,148,431 | 1,418,664 | 0.0301 | 0.9699 | 57.91 |
| 53.5 | 39,457,862 | 458,666 | 0.0116 | 0.9884 | 56.17 |
| 54.5 | 30,879,370 | 2,108,178 | 0.0683 | 0.9317 | 55.52 |
| 55.5 | 28,771,192 | 690,197 | 0.0240 | 0.9760 | 51.73 |
| 56.5 | 24,952,793 | 311,941 | 0.0125 | 0.9875 | 50.49 |
| 57.5 | 20,280,199 | 23,953 | 0.0012 | 0.9988 | 49.86 |
| 58.5 | 14,228,169 | 14,098 | 0.0010 | 0.9990 | 49.80 |
| 59.5 | 9,854,785 | 112,869 | 0.0115 | 0.9885 | 49.75 |
| 60.5 | 5,181,266 | 907 | 0.0002 | 0.9998 | 49.18 |
| 61.5 | 4,566,314 | | 0.0000 | 1.0000 | 49.17 |
| 62.5 | 3,992,598 | 155,440 | 0.0389 | 0.9611 | 49.17 |
| 63.5 | 2,441,797 | | 0.0000 | 1.0000 | 47.25 |
| 64.5 | 2,441,797 | | 0.0000 | 1.0000 | 47.25 |
| 65.5 | 2,441,797 | | 0.0000 | 1.0000 | 47.25 |
| 66.5 | 2,441,797 | 73,584 | 0.0301 | 0.9699 | 47.25 |
| 67.5 | 2,368,213 | | 0.0000 | 1.0000 | 45.83 |
| 68.5 | 2,368,213 | 723,227 | 0.3054 | 0.6946 | 45.83 |
| 69.5 | 1,644,986 | 967,392 | 0.5881 | 0.4119 | 31.83 |
| 70.5 | 677,594 | | 0.0000 | 1.0000 | 13.11 |
| 71.5 | | | | | 13.11 |

DUKE ENERGY CAROLINAS
ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 953,375,929 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 949,376,415 | 28,076 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 928,644,063 | 388,560 | 0.0004 | 0.9996 | 100.00 |
| 2.5 | 898,381,674 | 129,164 | 0.0001 | 0.9999 | 99.96 |
| 3.5 | 864,999,096 | 169,234 | 0.0002 | 0.9998 | 99.94 |
| 4.5 | 830,976,643 | 201,894 | 0.0002 | 0.9998 | 99.92 |
| 5.5 | 808,812,664 | 731,405 | 0.0009 | 0.9991 | 99.90 |
| 6.5 | 804,040,796 | 2,015,103 | 0.0025 | 0.9975 | 99.81 |
| 7.5 | 760,530,491 | 8,239,717 | 0.0108 | 0.9892 | 99.56 |
| 8.5 | 741,009,569 | 2,657,481 | 0.0036 | 0.9964 | 98.48 |
| 9.5 | 727,220,335 | 482,610 | 0.0007 | 0.9993 | 98.12 |
| 10.5 | 717,073,496 | 10,333,152 | 0.0144 | 0.9856 | 98.06 |
| 11.5 | 705,085,500 | 12,805,703 | 0.0182 | 0.9818 | 96.65 |
| 12.5 | 674,974,452 | 6,415,785 | 0.0095 | 0.9905 | 94.89 |
| 13.5 | 659,599,416 | 2,969,756 | 0.0045 | 0.9955 | 93.99 |
| 14.5 | 601,622,049 | 141,498 | 0.0002 | 0.9998 | 93.57 |
| 15.5 | 590,656,135 | 9,654,994 | 0.0163 | 0.9837 | 93.54 |
| 16.5 | 568,046,222 | 5,201,720 | 0.0092 | 0.9908 | 92.02 |
| 17.5 | 528,764,827 | 2,202,590 | 0.0042 | 0.9958 | 91.17 |
| 18.5 | 487,796,840 | 395,570 | 0.0008 | 0.9992 | 90.79 |
| 19.5 | 482,709,014 | 3,451,544 | 0.0072 | 0.9928 | 90.72 |
| 20.5 | 425,207,975 | 1,084,378 | 0.0026 | 0.9974 | 90.07 |
| 21.5 | 419,726,025 | 2,819,910 | 0.0067 | 0.9933 | 89.84 |
| 22.5 | 397,880,113 | 2,516,596 | 0.0063 | 0.9937 | 89.24 |
| 23.5 | 392,069,788 | 753,320 | 0.0019 | 0.9981 | 88.67 |
| 24.5 | 389,023,563 | 2,299,190 | 0.0059 | 0.9941 | 88.50 |
| 25.5 | 330,931,110 | 1,178,101 | 0.0036 | 0.9964 | 87.98 |
| 26.5 | 297,633,039 | 3,820,260 | 0.0128 | 0.9872 | 87.67 |
| 27.5 | 228,650,061 | 1,203,500 | 0.0053 | 0.9947 | 86.54 |
| 28.5 | 225,747,018 | 17,511,854 | 0.0776 | 0.9224 | 86.09 |
| 29.5 | 208,344,529 | 12,553,036 | 0.0603 | 0.9397 | 79.41 |
| 30.5 | 120,810,080 | 3,531,027 | 0.0292 | 0.9708 | 74.62 |
| 31.5 | 116,039,503 | 2,330,804 | 0.0201 | 0.9799 | 72.44 |
| 32.5 | 113,304,399 | 4,245,068 | 0.0375 | 0.9625 | 70.99 |
| 33.5 | 108,852,703 | 10,521,294 | 0.0967 | 0.9033 | 68.33 |
| 34.5 | 97,510,083 | 1,717,044 | 0.0176 | 0.9824 | 61.72 |
| 35.5 | 95,718,400 | 347,908 | 0.0036 | 0.9964 | 60.64 |
| 36.5 | 84,361,528 | 1,244,575 | 0.0148 | 0.9852 | 60.42 |
| 37.5 | 54,600,444 | 7,473,474 | 0.1369 | 0.8631 | 59.52 |
| 38.5 | 38,016,047 | 687,085 | 0.0181 | 0.9819 | 51.38 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 34,801,429 | 1,187,507 | 0.0341 | 0.9659 | 50.45 |
| 40.5 | 32,500,448 | 435,984 | 0.0134 | 0.9866 | 48.73 |
| 41.5 | 24,288,272 | 1,157,129 | 0.0476 | 0.9524 | 48.07 |
| 42.5 | 20,022,824 | 1,833,788 | 0.0916 | 0.9084 | 45.78 |
| 43.5 | 17,909,597 | 1,395,035 | 0.0779 | 0.9221 | 41.59 |
| 44.5 | 16,492,803 | 105,817 | 0.0064 | 0.9936 | 38.35 |
| 45.5 | 14,840,287 | 147,893 | 0.0100 | 0.9900 | 38.10 |
| 46.5 | 13,967,033 | 343,417 | 0.0246 | 0.9754 | 37.72 |
| 47.5 | 13,609,822 | 63,347 | 0.0047 | 0.9953 | 36.80 |
| 48.5 | 13,541,166 | 72,781 | 0.0054 | 0.9946 | 36.63 |
| 49.5 | 13,441,424 | 179,852 | 0.0134 | 0.9866 | 36.43 |
| 50.5 | 12,789,500 | 320,150 | 0.0250 | 0.9750 | 35.94 |
| 51.5 | 11,671,094 | 135,368 | 0.0116 | 0.9884 | 35.04 |
| 52.5 | 9,439,990 | 498,352 | 0.0528 | 0.9472 | 34.64 |
| 53.5 | 7,351,905 | 257,651 | 0.0350 | 0.9650 | 32.81 |
| 54.5 | 5,775,171 | 558,898 | 0.0968 | 0.9032 | 31.66 |
| 55.5 | 5,216,273 | 175,759 | 0.0337 | 0.9663 | 28.59 |
| 56.5 | 4,535,034 | 172,842 | 0.0381 | 0.9619 | 27.63 |
| 57.5 | 3,345,973 | 44,457 | 0.0133 | 0.9867 | 26.58 |
| 58.5 | 2,816,688 | 22,579 | 0.0080 | 0.9920 | 26.22 |
| 59.5 | 2,319,113 | | 0.0000 | 1.0000 | 26.01 |
| 60.5 | 1,525,678 | | 0.0000 | 1.0000 | 26.01 |
| 61.5 | 920,690 | 7,150 | 0.0078 | 0.9922 | 26.01 |
| 62.5 | 767,713 | | 0.0000 | 1.0000 | 25.81 |
| 63.5 | 617,975 | 118,280 | 0.1914 | 0.8086 | 25.81 |
| 64.5 | 499,695 | | 0.0000 | 1.0000 | 20.87 |
| 65.5 | 499,695 | | 0.0000 | 1.0000 | 20.87 |
| 66.5 | 499,695 | 48,148 | 0.0964 | 0.9036 | 20.87 |
| 67.5 | 451,547 | 1,556 | 0.0034 | 0.9966 | 18.86 |
| 68.5 | 449,991 | 45,072 | 0.1002 | 0.8998 | 18.80 |
| 69.5 | 404,919 | 12,494 | 0.0309 | 0.9691 | 16.91 |
| 70.5 | 392,425 | | 0.0000 | 1.0000 | 16.39 |
| 71.5 | 309,007 | | 0.0000 | 1.0000 | 16.39 |
| 72.5 | 309,007 | | 0.0000 | 1.0000 | 16.39 |
| 73.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 74.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 75.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 76.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 77.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 78.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 80.5 | 168,790 | | 0.0000 | 1.0000 | 16.39 |
| 81.5 | | | | | 16.39 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 428,091,433 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 477,291,700 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 459,959,658 | 369,522 | 0.0008 | 0.9992 | 100.00 |
| 2.5 | 465,307,358 | 116,572 | 0.0003 | 0.9997 | 99.92 |
| 3.5 | 434,706,268 | 78,930 | 0.0002 | 0.9998 | 99.89 |
| 4.5 | 402,145,136 | 191,494 | 0.0005 | 0.9995 | 99.88 |
| 5.5 | 438,393,584 | 730,863 | 0.0017 | 0.9983 | 99.83 |
| 6.5 | 474,070,277 | 1,946,267 | 0.0041 | 0.9959 | 99.66 |
| 7.5 | 507,934,816 | 8,207,365 | 0.0162 | 0.9838 | 99.25 |
| 8.5 | 488,755,959 | 1,718,043 | 0.0035 | 0.9965 | 97.65 |
| 9.5 | 475,428,092 | 132,052 | 0.0003 | 0.9997 | 97.31 |
| 10.5 | 553,884,703 | 7,918,784 | 0.0143 | 0.9857 | 97.28 |
| 11.5 | 543,498,959 | 12,737,475 | 0.0234 | 0.9766 | 95.89 |
| 12.5 | 513,860,150 | 6,279,933 | 0.0122 | 0.9878 | 93.64 |
| 13.5 | 499,097,286 | 2,555,164 | 0.0051 | 0.9949 | 92.50 |
| 14.5 | 442,308,243 | 14,660 | 0.0000 | 1.0000 | 92.02 |
| 15.5 | 431,678,158 | 8,486,408 | 0.0197 | 0.9803 | 92.02 |
| 16.5 | 430,709,341 | 4,976,876 | 0.0116 | 0.9884 | 90.21 |
| 17.5 | 449,475,395 | 2,022,918 | 0.0045 | 0.9955 | 89.17 |
| 18.5 | 433,343,927 | 284,568 | 0.0007 | 0.9993 | 88.77 |
| 19.5 | 438,990,530 | 3,358,410 | 0.0077 | 0.9923 | 88.71 |
| 20.5 | 382,898,729 | 1,027,540 | 0.0027 | 0.9973 | 88.03 |
| 21.5 | 382,836,482 | 2,801,608 | 0.0073 | 0.9927 | 87.79 |
| 22.5 | 365,115,305 | 2,516,596 | 0.0069 | 0.9931 | 87.15 |
| 23.5 | 359,339,521 | 714,464 | 0.0020 | 0.9980 | 86.55 |
| 24.5 | 356,355,999 | 709,892 | 0.0020 | 0.9980 | 86.38 |
| 25.5 | 302,424,547 | 1,042,667 | 0.0034 | 0.9966 | 86.21 |
| 26.5 | 270,892,654 | 3,753,356 | 0.0139 | 0.9861 | 85.91 |
| 27.5 | 201,980,857 | 1,197,500 | 0.0059 | 0.9941 | 84.72 |
| 28.5 | 199,089,400 | 17,346,892 | 0.0871 | 0.9129 | 84.22 |
| 29.5 | 181,540,979 | 12,551,036 | 0.0691 | 0.9309 | 76.88 |
| 30.5 | 95,216,271 | 3,320,947 | 0.0349 | 0.9651 | 71.56 |
| 31.5 | 92,235,774 | 1,382,856 | 0.0150 | 0.9850 | 69.07 |
| 32.5 | 92,147,758 | 4,111,240 | 0.0446 | 0.9554 | 68.03 |
| 33.5 | 88,870,101 | 9,071,008 | 0.1021 | 0.8979 | 65.00 |
| 34.5 | 80,764,078 | 1,528,314 | 0.0189 | 0.9811 | 58.36 |
| 35.5 | 79,026,773 | 347,908 | 0.0044 | 0.9956 | 57.26 |
| 36.5 | 68,277,023 | 185,993 | 0.0027 | 0.9973 | 57.01 |
| 37.5 | 41,315,416 | 5,340,056 | 0.1293 | 0.8707 | 56.85 |
| 38.5 | 28,566,136 | 587,841 | 0.0206 | 0.9794 | 49.50 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 27,355,117 | 608,827 | 0.0223 | 0.9777 | 48.48 |
| 40.5 | 27,352,516 | 419,080 | 0.0153 | 0.9847 | 47.41 |
| 41.5 | 19,867,702 | 1,110,237 | 0.0559 | 0.9441 | 46.68 |
| 42.5 | 15,986,049 | 410,806 | 0.0257 | 0.9743 | 44.07 |
| 43.5 | 15,812,064 | 1,394,335 | 0.0882 | 0.9118 | 42.94 |
| 44.5 | 14,395,970 | 105,817 | 0.0074 | 0.9926 | 39.15 |
| 45.5 | 12,743,454 | 147,893 | 0.0116 | 0.9884 | 38.86 |
| 46.5 | 11,870,200 | 342,445 | 0.0288 | 0.9712 | 38.41 |
| 47.5 | 11,523,673 | 63,347 | 0.0055 | 0.9945 | 37.30 |
| 48.5 | 11,455,017 | 68,261 | 0.0060 | 0.9940 | 37.10 |
| 49.5 | 11,727,513 | 45,500 | 0.0039 | 0.9961 | 36.88 |
| 50.5 | 11,582,915 | 320,150 | 0.0276 | 0.9724 | 36.74 |
| 51.5 | 11,003,079 | 131,368 | 0.0119 | 0.9881 | 35.72 |
| 52.5 | 8,775,975 | 308,126 | 0.0351 | 0.9649 | 35.29 |
| 53.5 | 7,018,333 | 248,227 | 0.0354 | 0.9646 | 34.05 |
| 54.5 | 5,451,023 | 558,898 | 0.1025 | 0.8975 | 32.85 |
| 55.5 | 4,892,125 | 175,759 | 0.0359 | 0.9641 | 29.48 |
| 56.5 | 4,210,886 | 172,842 | 0.0410 | 0.9590 | 28.42 |
| 57.5 | 3,021,825 | 44,457 | 0.0147 | 0.9853 | 27.26 |
| 58.5 | 2,492,540 | 22,579 | 0.0091 | 0.9909 | 26.86 |
| 59.5 | 1,994,965 | | 0.0000 | 1.0000 | 26.61 |
| 60.5 | 1,201,530 | | 0.0000 | 1.0000 | 26.61 |
| 61.5 | 920,690 | 7,150 | 0.0078 | 0.9922 | 26.61 |
| 62.5 | 767,713 | | 0.0000 | 1.0000 | 26.41 |
| 63.5 | 617,975 | 118,280 | 0.1914 | 0.8086 | 26.41 |
| 64.5 | 499,695 | | 0.0000 | 1.0000 | 21.35 |
| 65.5 | 499,695 | | 0.0000 | 1.0000 | 21.35 |
| 66.5 | 499,695 | 48,148 | 0.0964 | 0.9036 | 21.35 |
| 67.5 | 451,547 | 1,556 | 0.0034 | 0.9966 | 19.29 |
| 68.5 | 449,991 | 45,072 | 0.1002 | 0.8998 | 19.23 |
| 69.5 | 404,919 | 12,494 | 0.0309 | 0.9691 | 17.30 |
| 70.5 | 392,425 | | 0.0000 | 1.0000 | 16.77 |
| 71.5 | 309,007 | | 0.0000 | 1.0000 | 16.77 |
| 72.5 | 309,007 | | 0.0000 | 1.0000 | 16.77 |
| 73.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 74.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 75.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 76.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 77.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 78.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |

DUKE ENERGY CAROLINAS

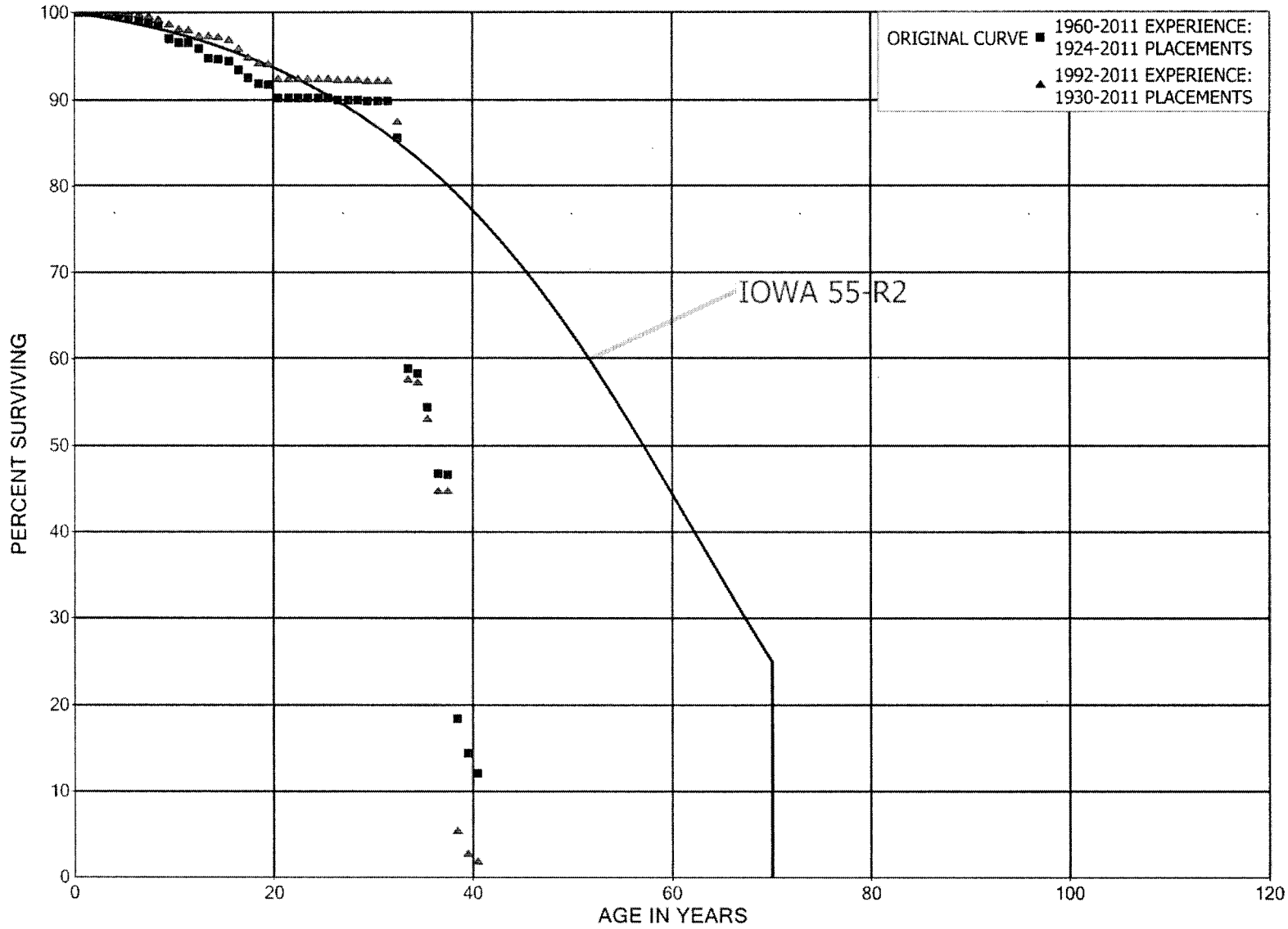
ACCOUNT 315 AND 324 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 80.5 | 168,790 | | 0.0000 | 1.0000 | 16.77 |
| 81.5 | | | | | 16.77 |

DUKE ENERGY CAROLINAS
ACCOUNT 316 AND 325 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 316 AND 325 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 553,936,816 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 526,678,598 | 24,650 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 497,527,465 | 192,497 | 0.0004 | 0.9996 | 100.00 |
| 2.5 | 474,399,194 | 434,310 | 0.0009 | 0.9991 | 99.96 |
| 3.5 | 443,264,340 | 631,584 | 0.0014 | 0.9986 | 99.87 |
| 4.5 | 423,949,573 | 693,635 | 0.0016 | 0.9984 | 99.72 |
| 5.5 | 403,087,716 | 2,211,886 | 0.0055 | 0.9945 | 99.56 |
| 6.5 | 388,566,577 | 772,499 | 0.0020 | 0.9980 | 99.01 |
| 7.5 | 374,814,854 | 1,142,937 | 0.0030 | 0.9970 | 98.82 |
| 8.5 | 363,318,193 | 5,605,625 | 0.0154 | 0.9846 | 98.52 |
| 9.5 | 345,926,287 | 1,647,459 | 0.0048 | 0.9952 | 97.00 |
| 10.5 | 334,143,492 | 206,564 | 0.0006 | 0.9994 | 96.53 |
| 11.5 | 329,453,746 | 2,098,989 | 0.0064 | 0.9936 | 96.47 |
| 12.5 | 321,911,421 | 3,717,961 | 0.0115 | 0.9885 | 95.86 |
| 13.5 | 310,568,447 | 445,852 | 0.0014 | 0.9986 | 94.75 |
| 14.5 | 298,460,517 | 811,548 | 0.0027 | 0.9973 | 94.62 |
| 15.5 | 285,093,455 | 2,913,796 | 0.0102 | 0.9898 | 94.36 |
| 16.5 | 268,593,177 | 2,435,354 | 0.0091 | 0.9909 | 93.39 |
| 17.5 | 226,910,457 | 1,620,178 | 0.0071 | 0.9929 | 92.55 |
| 18.5 | 204,394,298 | 322,634 | 0.0016 | 0.9984 | 91.89 |
| 19.5 | 188,281,641 | 3,140,465 | 0.0167 | 0.9833 | 91.74 |
| 20.5 | 171,025,207 | 21,090 | 0.0001 | 0.9999 | 90.21 |
| 21.5 | 151,430,692 | 8,440 | 0.0001 | 0.9999 | 90.20 |
| 22.5 | 144,060,817 | 6,416 | 0.0000 | 1.0000 | 90.20 |
| 23.5 | 136,988,199 | 60,530 | 0.0004 | 0.9996 | 90.19 |
| 24.5 | 130,529,197 | 9,374 | 0.0001 | 0.9999 | 90.15 |
| 25.5 | 115,170,024 | 260,770 | 0.0023 | 0.9977 | 90.14 |
| 26.5 | 99,149,929 | | 0.0000 | 1.0000 | 89.94 |
| 27.5 | 76,744,433 | 304 | 0.0000 | 1.0000 | 89.94 |
| 28.5 | 74,062,869 | 52,137 | 0.0007 | 0.9993 | 89.94 |
| 29.5 | 73,375,750 | 34,324 | 0.0005 | 0.9995 | 89.88 |
| 30.5 | 31,542,033 | 3,150 | 0.0001 | 0.9999 | 89.83 |
| 31.5 | 31,196,465 | 1,464,170 | 0.0469 | 0.9531 | 89.83 |
| 32.5 | 29,329,637 | 9,161,119 | 0.3124 | 0.6876 | 85.61 |
| 33.5 | 19,702,394 | 188,909 | 0.0096 | 0.9904 | 58.87 |
| 34.5 | 19,093,869 | 1,286,378 | 0.0674 | 0.9326 | 58.31 |
| 35.5 | 17,804,082 | 2,510,118 | 0.1410 | 0.8590 | 54.38 |
| 36.5 | 14,309,058 | 17,550 | 0.0012 | 0.9988 | 46.71 |
| 37.5 | 4,217,566 | 2,553,976 | 0.6056 | 0.3944 | 46.65 |
| 38.5 | 1,777,190 | 391,065 | 0.2200 | 0.7800 | 18.40 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 AND 325 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,603,406 | 259,747 | 0.1620 | 0.8380 | 14.35 |
| 40.5 | 1,291,228 | 176,880 | 0.1370 | 0.8630 | 12.03 |
| 41.5 | 897,121 | 236,840 | 0.2640 | 0.7360 | 10.38 |
| 42.5 | 599,112 | 140,210 | 0.2340 | 0.7660 | 7.64 |
| 43.5 | 458,902 | 95,181 | 0.2074 | 0.7926 | 5.85 |
| 44.5 | 363,721 | 71,728 | 0.1972 | 0.8028 | 4.64 |
| 45.5 | 291,993 | | 0.0000 | 1.0000 | 3.72 |
| 46.5 | 291,993 | | 0.0000 | 1.0000 | 3.72 |
| 47.5 | 291,993 | 750 | 0.0026 | 0.9974 | 3.72 |
| 48.5 | 291,243 | | 0.0000 | 1.0000 | 3.71 |
| 49.5 | 291,243 | 26,639 | 0.0915 | 0.9085 | 3.71 |
| 50.5 | 292,458 | 36,151 | 0.1236 | 0.8764 | 3.37 |
| 51.5 | 289,732 | | 0.0000 | 1.0000 | 2.96 |
| 52.5 | 261,878 | 160,784 | 0.6140 | 0.3860 | 2.96 |
| 53.5 | 67,669 | | 0.0000 | 1.0000 | 1.14 |
| 54.5 | 67,669 | 30,401 | 0.4493 | 0.5507 | 1.14 |
| 55.5 | 37,268 | | 0.0000 | 1.0000 | 0.63 |
| 56.5 | 37,268 | | 0.0000 | 1.0000 | 0.63 |
| 57.5 | 37,268 | | 0.0000 | 1.0000 | 0.63 |
| 58.5 | 37,268 | 4,544 | 0.1219 | 0.8781 | 0.63 |
| 59.5 | 32,724 | | 0.0000 | 1.0000 | 0.55 |
| 60.5 | 32,724 | | 0.0000 | 1.0000 | 0.55 |
| 61.5 | 32,724 | | 0.0000 | 1.0000 | 0.55 |
| 62.5 | 32,724 | 32,724 | 1.0000 | | 0.55 |
| 63.5 | | | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 316 AND 325 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1930-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 356,539,138 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 344,501,601 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 336,752,734 | 137,191 | 0.0004 | 0.9996 | 100.00 |
| 2.5 | 317,815,995 | 246,352 | 0.0008 | 0.9992 | 99.96 |
| 3.5 | 293,831,506 | 288,343 | 0.0010 | 0.9990 | 99.88 |
| 4.5 | 280,754,106 | 105,353 | 0.0004 | 0.9996 | 99.78 |
| 5.5 | 278,643,676 | 219,051 | 0.0008 | 0.9992 | 99.75 |
| 6.5 | 282,324,376 | 705,354 | 0.0025 | 0.9975 | 99.67 |
| 7.5 | 293,349,582 | 1,077,580 | 0.0037 | 0.9963 | 99.42 |
| 8.5 | 284,469,952 | 1,567,794 | 0.0055 | 0.9945 | 99.05 |
| 9.5 | 271,746,685 | 1,602,152 | 0.0059 | 0.9941 | 98.51 |
| 10.5 | 301,916,200 | 164,382 | 0.0005 | 0.9995 | 97.93 |
| 11.5 | 293,761,547 | 2,075,144 | 0.0071 | 0.9929 | 97.87 |
| 12.5 | 287,062,538 | 24,433 | 0.0001 | 0.9999 | 97.18 |
| 13.5 | 280,412,264 | 431,272 | 0.0015 | 0.9985 | 97.17 |
| 14.5 | 269,084,308 | 686,773 | 0.0026 | 0.9974 | 97.02 |
| 15.5 | 256,344,614 | 2,913,342 | 0.0114 | 0.9886 | 96.78 |
| 16.5 | 245,406,270 | 2,359,983 | 0.0096 | 0.9904 | 95.68 |
| 17.5 | 216,345,031 | 1,613,074 | 0.0075 | 0.9925 | 94.76 |
| 18.5 | 196,717,767 | 311,697 | 0.0016 | 0.9984 | 94.05 |
| 19.5 | 182,196,965 | 3,103,013 | 0.0170 | 0.9830 | 93.90 |
| 20.5 | 165,070,100 | 7,014 | 0.0000 | 1.0000 | 92.30 |
| 21.5 | 146,295,522 | 2,090 | 0.0000 | 1.0000 | 92.30 |
| 22.5 | 139,388,594 | 6,416 | 0.0000 | 1.0000 | 92.30 |
| 23.5 | 132,395,558 | 44,986 | 0.0003 | 0.9997 | 92.29 |
| 24.5 | 125,970,707 | | 0.0000 | 1.0000 | 92.26 |
| 25.5 | 110,944,877 | 165,321 | 0.0015 | 0.9985 | 92.26 |
| 26.5 | 95,653,033 | | 0.0000 | 1.0000 | 92.12 |
| 27.5 | 73,252,965 | | 0.0000 | 1.0000 | 92.12 |
| 28.5 | 70,578,953 | 36,655 | 0.0005 | 0.9995 | 92.12 |
| 29.5 | 69,879,681 | 8,887 | 0.0001 | 0.9999 | 92.08 |
| 30.5 | 28,273,399 | | 0.0000 | 1.0000 | 92.06 |
| 31.5 | 28,485,973 | 1,449,329 | 0.0509 | 0.9491 | 92.06 |
| 32.5 | 26,775,978 | 9,159,619 | 0.3421 | 0.6579 | 87.38 |
| 33.5 | 17,282,401 | 91,351 | 0.0053 | 0.9947 | 57.49 |
| 34.5 | 17,224,253 | 1,286,378 | 0.0747 | 0.9253 | 57.19 |
| 35.5 | 15,908,142 | 2,510,118 | 0.1578 | 0.8422 | 52.91 |
| 36.5 | 12,609,562 | 398 | 0.0000 | 1.0000 | 44.56 |
| 37.5 | 2,867,088 | 2,530,347 | 0.8825 | 0.1175 | 44.56 |
| 38.5 | 745,365 | 375,032 | 0.5032 | 0.4968 | 5.23 |

DUKE ENERGY CAROLINAS

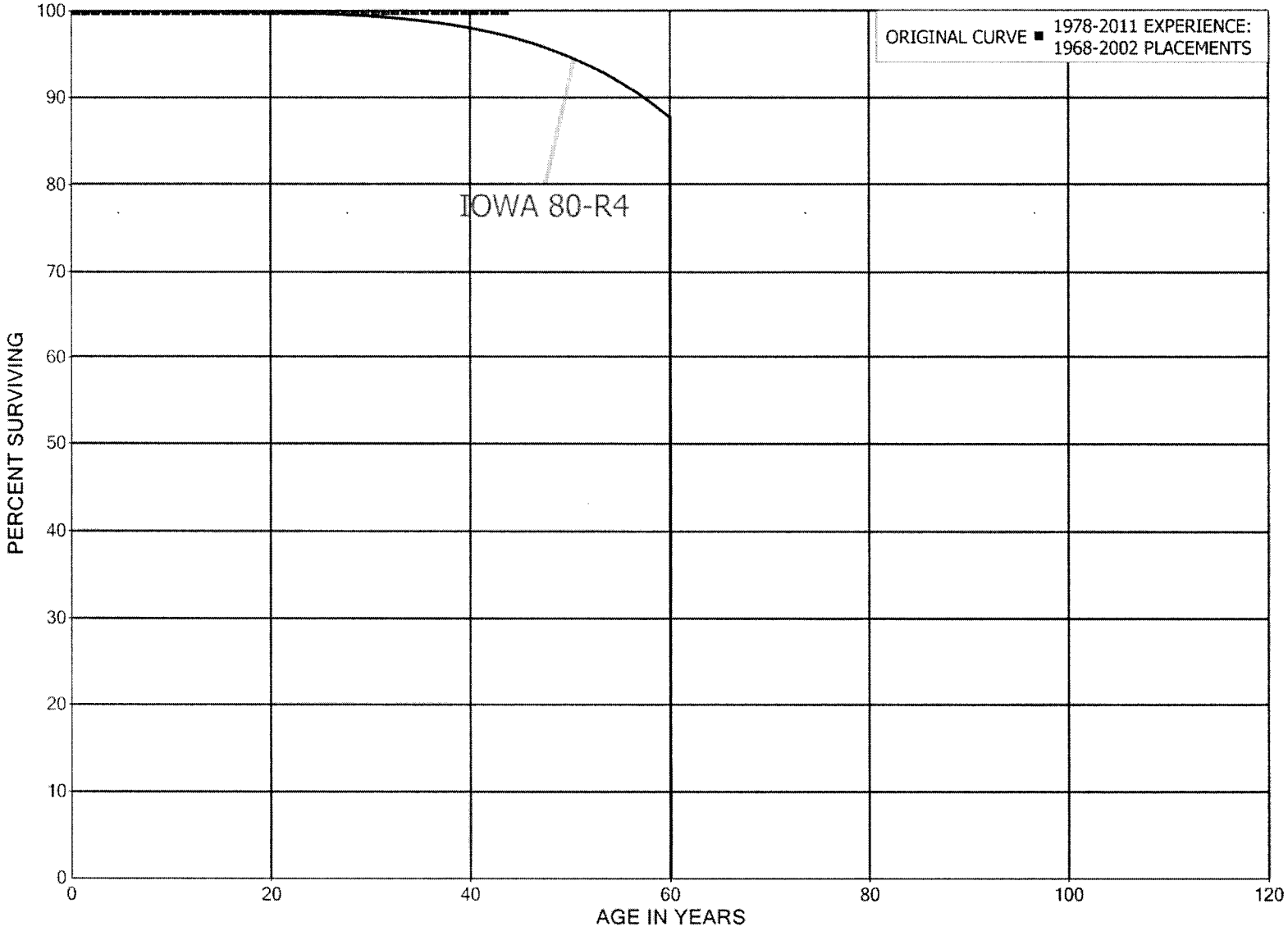
ACCOUNT 316 AND 325 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 751,467 | 256,733 | 0.3416 | 0.6584 | 2.60 |
| 40.5 | 672,857 | 163,875 | 0.2436 | 0.7564 | 1.71 |
| 41.5 | 420,405 | 230,554 | 0.5484 | 0.4516 | 1.30 |
| 42.5 | 223,863 | 128,682 | 0.5748 | 0.4252 | 0.58 |
| 43.5 | 166,909 | 95,181 | 0.5703 | 0.4297 | 0.25 |
| 44.5 | 71,728 | 71,728 | 1.0000 | | 0.11 |
| 45.5 | | | | | |
| 46.5 | | | | | |
| 47.5 | | | | | |
| 48.5 | | | | | |
| 49.5 | 36,151 | | 0.0000 | | |
| 50.5 | 109,774 | 36,151 | 0.3293 | | |
| 51.5 | 200,825 | | 0.0000 | | |
| 52.5 | 172,971 | 139,546 | 0.8068 | | |
| 53.5 | 30,401 | | 0.0000 | | |
| 54.5 | 30,401 | 30,401 | 1.0000 | | |
| 55.5 | | | | | |
| 56.5 | | | | | |
| 57.5 | | | | | |
| 58.5 | | | | | |
| 59.5 | | | | | |
| 60.5 | | | | | |
| 61.5 | 32,724 | | 0.0000 | | |
| 62.5 | 32,724 | 32,724 | 1.0000 | | |
| 63.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 320 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 320 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 489,270 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 489,270 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 531,029 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 532,109 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 534,724 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 946,622 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 945,542 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 945,542 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 540,439 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 540,439 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 458,467 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 458,467 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 458,467 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 880,855 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 880,855 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 880,855 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 880,855 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 20.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 21.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 22.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 23.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 24.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 25.5 | 881,365 | | 0.0000 | 1.0000 | 100.00 |
| 26.5 | 499,885 | | 0.0000 | 1.0000 | 100.00 |
| 27.5 | 499,885 | | 0.0000 | 1.0000 | 100.00 |
| 28.5 | 499,885 | | 0.0000 | 1.0000 | 100.00 |
| 29.5 | 499,885 | | 0.0000 | 1.0000 | 100.00 |
| 30.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 31.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 32.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 33.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 34.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 35.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 36.5 | 425,003 | | 0.0000 | 1.0000 | 100.00 |
| 37.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |
| 38.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |

DUKE ENERGY CAROLINAS

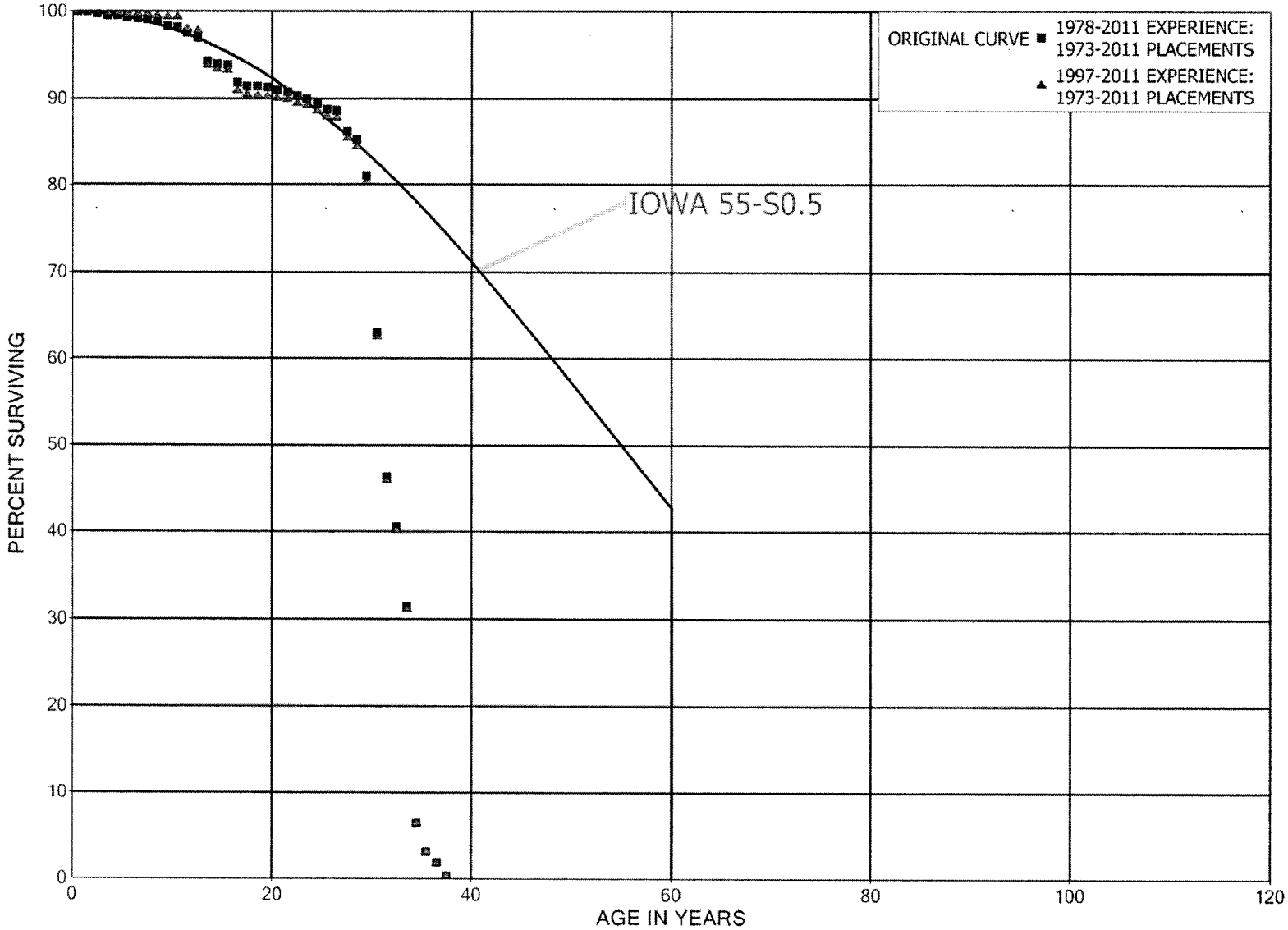
ACCOUNT 320 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |
| 40.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |
| 41.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |
| 42.5 | 422,388 | | 0.0000 | 1.0000 | 100.00 |
| 43.5 | | | | | 100.00 |

DUKE ENERGY CAROLINAS
ACCOUNT 322 REACTOR PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2011 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 3,065,847,810 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 2,853,320,601 | 15,904 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 2,752,069,928 | 8,636,296 | 0.0031 | 0.9969 | 100.00 |
| 2.5 | 2,671,966,220 | 3,653,797 | 0.0014 | 0.9986 | 99.69 |
| 3.5 | 2,745,981,897 | 357,920 | 0.0001 | 0.9999 | 99.55 |
| 4.5 | 2,742,812,548 | 7,301,461 | 0.0027 | 0.9973 | 99.54 |
| 5.5 | 2,684,315,392 | 3,247,233 | 0.0012 | 0.9988 | 99.27 |
| 6.5 | 2,643,457,759 | 2,240,214 | 0.0008 | 0.9992 | 99.15 |
| 7.5 | 2,306,036,940 | 6,141,291 | 0.0027 | 0.9973 | 99.07 |
| 8.5 | 2,135,075,904 | 10,055,682 | 0.0047 | 0.9953 | 98.80 |
| 9.5 | 2,085,546,186 | 2,410,420 | 0.0012 | 0.9988 | 98.34 |
| 10.5 | 2,058,871,482 | 15,965,085 | 0.0078 | 0.9922 | 98.22 |
| 11.5 | 2,016,033,646 | 9,987,885 | 0.0050 | 0.9950 | 97.46 |
| 12.5 | 1,994,297,366 | 55,411,562 | 0.0278 | 0.9722 | 96.98 |
| 13.5 | 1,928,529,739 | 6,988,953 | 0.0036 | 0.9964 | 94.29 |
| 14.5 | 1,648,456,351 | 1,916,730 | 0.0012 | 0.9988 | 93.94 |
| 15.5 | 1,628,670,301 | 34,708,292 | 0.0213 | 0.9787 | 93.83 |
| 16.5 | 1,586,629,413 | 7,756,823 | 0.0049 | 0.9951 | 91.83 |
| 17.5 | 1,570,939,667 | 594,626 | 0.0004 | 0.9996 | 91.39 |
| 18.5 | 1,558,101,247 | 1,673,861 | 0.0011 | 0.9989 | 91.35 |
| 19.5 | 1,546,411,145 | 4,129,336 | 0.0027 | 0.9973 | 91.25 |
| 20.5 | 1,530,387,578 | 4,735,078 | 0.0031 | 0.9969 | 91.01 |
| 21.5 | 1,516,312,224 | 8,143,574 | 0.0054 | 0.9946 | 90.73 |
| 22.5 | 1,495,842,258 | 3,961,447 | 0.0026 | 0.9974 | 90.24 |
| 23.5 | 1,468,185,400 | 10,137,583 | 0.0069 | 0.9931 | 90.00 |
| 24.5 | 1,453,264,512 | 10,861,572 | 0.0075 | 0.9925 | 89.38 |
| 25.5 | 1,203,213,745 | 1,190,811 | 0.0010 | 0.9990 | 88.71 |
| 26.5 | 1,060,769,945 | 28,741,271 | 0.0271 | 0.9729 | 88.62 |
| 27.5 | 593,084,375 | 6,752,872 | 0.0114 | 0.9886 | 86.22 |
| 28.5 | 584,981,078 | 28,830,483 | 0.0493 | 0.9507 | 85.24 |
| 29.5 | 549,072,261 | 121,678,286 | 0.2216 | 0.7784 | 81.04 |
| 30.5 | 82,081,791 | 21,793,692 | 0.2655 | 0.7345 | 63.08 |
| 31.5 | 54,442,568 | 6,899,397 | 0.1267 | 0.8733 | 46.33 |
| 32.5 | 39,815,786 | 8,895,726 | 0.2234 | 0.7766 | 40.46 |
| 33.5 | 25,097,708 | 19,978,939 | 0.7960 | 0.2040 | 31.42 |
| 34.5 | 2,569,651 | 1,324,592 | 0.5155 | 0.4845 | 6.41 |
| 35.5 | 1,245,060 | 529,706 | 0.4254 | 0.5746 | 3.11 |
| 36.5 | 715,354 | 594,545 | 0.8311 | 0.1689 | 1.78 |
| 37.5 | | | | | 0.30 |

DUKE ENERGY CAROLINAS

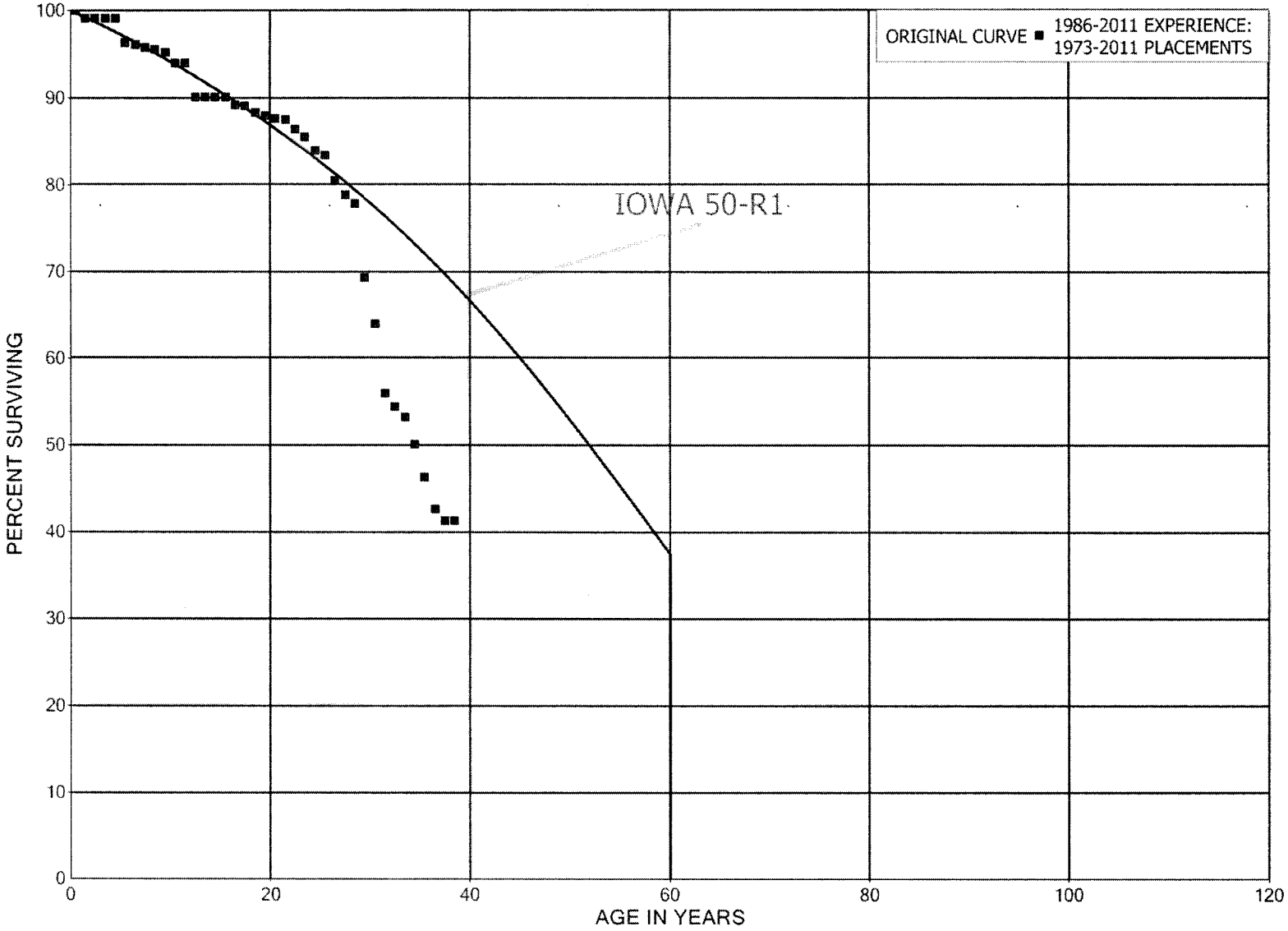
ACCOUNT 322 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2011 EXPERIENCE BAND 1997-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,518,157,706 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 1,321,331,401 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 1,227,430,764 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 1,162,844,368 | 2,709,485 | 0.0023 | 0.9977 | 100.00 |
| 3.5 | 1,110,776,922 | 249,672 | 0.0002 | 0.9998 | 99.77 |
| 4.5 | 1,056,660,685 | 1,737,111 | 0.0016 | 0.9984 | 99.74 |
| 5.5 | 1,016,193,556 | | 0.0000 | 1.0000 | 99.58 |
| 6.5 | 983,671,635 | | 0.0000 | 1.0000 | 99.58 |
| 7.5 | 661,607,480 | 1,565,431 | 0.0024 | 0.9976 | 99.58 |
| 8.5 | 518,960,247 | 213,424 | 0.0004 | 0.9996 | 99.34 |
| 9.5 | 484,709,841 | 196,442 | 0.0004 | 0.9996 | 99.30 |
| 10.5 | 711,923,456 | 9,053,419 | 0.0127 | 0.9873 | 99.26 |
| 11.5 | 824,127,546 | 2,498,732 | 0.0030 | 0.9970 | 98.00 |
| 12.5 | 1,335,529,390 | 53,880,336 | 0.0403 | 0.9597 | 97.70 |
| 13.5 | 1,272,647,022 | 6,987,000 | 0.0055 | 0.9945 | 93.76 |
| 14.5 | 1,000,409,168 | 882,572 | 0.0009 | 0.9991 | 93.25 |
| 15.5 | 1,396,927,424 | 34,708,292 | 0.0248 | 0.9752 | 93.17 |
| 16.5 | 1,361,568,370 | 7,374,849 | 0.0054 | 0.9946 | 90.85 |
| 17.5 | 1,354,002,774 | 594,626 | 0.0004 | 0.9996 | 90.36 |
| 18.5 | 1,347,103,495 | 1,499,972 | 0.0011 | 0.9989 | 90.32 |
| 19.5 | 1,342,694,180 | 4,018,238 | 0.0030 | 0.9970 | 90.22 |
| 20.5 | 1,326,781,711 | 2,054,598 | 0.0015 | 0.9985 | 89.95 |
| 21.5 | 1,316,099,404 | 6,558,277 | 0.0050 | 0.9950 | 89.81 |
| 22.5 | 1,435,501,720 | 3,573,668 | 0.0025 | 0.9975 | 89.36 |
| 23.5 | 1,468,185,400 | 10,137,583 | 0.0069 | 0.9931 | 89.14 |
| 24.5 | 1,453,264,512 | 10,861,572 | 0.0075 | 0.9925 | 88.52 |
| 25.5 | 1,203,213,745 | 1,190,811 | 0.0010 | 0.9990 | 87.86 |
| 26.5 | 1,060,769,945 | 28,741,271 | 0.0271 | 0.9729 | 87.78 |
| 27.5 | 593,084,375 | 6,752,872 | 0.0114 | 0.9886 | 85.40 |
| 28.5 | 584,981,078 | 28,830,483 | 0.0493 | 0.9507 | 84.42 |
| 29.5 | 549,072,261 | 121,678,286 | 0.2216 | 0.7784 | 80.26 |
| 30.5 | 82,081,791 | 21,793,692 | 0.2655 | 0.7345 | 62.48 |
| 31.5 | 54,442,568 | 6,899,397 | 0.1267 | 0.8733 | 45.89 |
| 32.5 | 39,815,786 | 8,895,726 | 0.2234 | 0.7766 | 40.07 |
| 33.5 | 25,097,708 | 19,978,939 | 0.7960 | 0.2040 | 31.12 |
| 34.5 | 2,569,651 | 1,324,592 | 0.5155 | 0.4845 | 6.35 |
| 35.5 | 1,245,060 | 529,706 | 0.4254 | 0.5746 | 3.08 |
| 36.5 | 715,354 | 594,545 | 0.8311 | 0.1689 | 1.77 |
| 37.5 | | | | | 0.30 |

DUKE ENERGY CAROLINAS
ACCOUNT 323 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

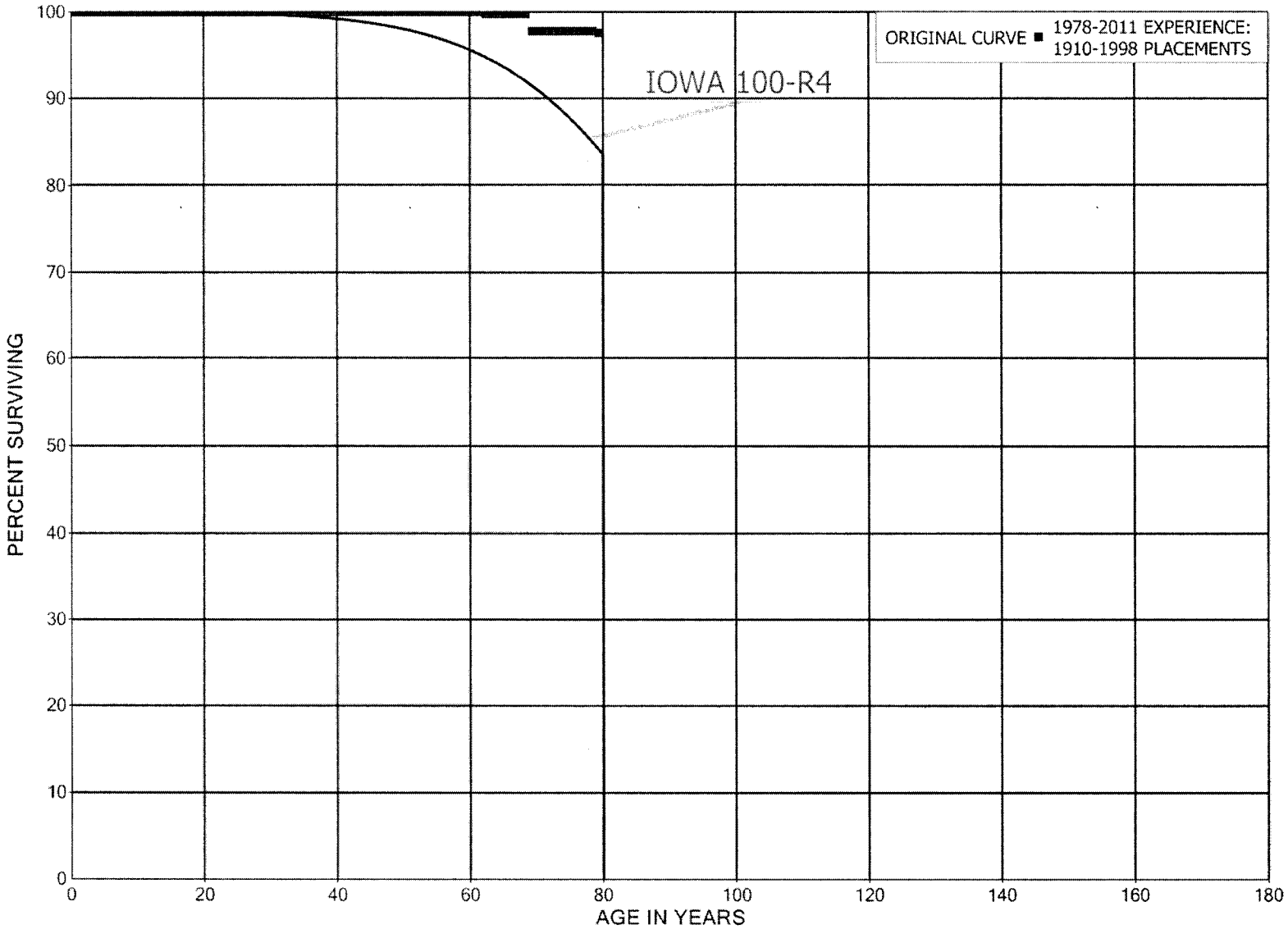
ACCOUNT 323 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2011 EXPERIENCE BAND 1986-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 417,500,121 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 447,997,741 | 4,245,517 | 0.0095 | 0.9905 | 100.00 |
| 1.5 | 601,892,028 | | 0.0000 | 1.0000 | 99.05 |
| 2.5 | 552,257,309 | | 0.0000 | 1.0000 | 99.05 |
| 3.5 | 539,522,023 | | 0.0000 | 1.0000 | 99.05 |
| 4.5 | 636,759,881 | 18,070,037 | 0.0284 | 0.9716 | 99.05 |
| 5.5 | 589,920,042 | 1,183,099 | 0.0020 | 0.9980 | 96.24 |
| 6.5 | 567,790,853 | 2,195,725 | 0.0039 | 0.9961 | 96.05 |
| 7.5 | 542,957,044 | 1,199,846 | 0.0022 | 0.9978 | 95.68 |
| 8.5 | 527,399,638 | 1,723,488 | 0.0033 | 0.9967 | 95.47 |
| 9.5 | 511,229,385 | 6,641,258 | 0.0130 | 0.9870 | 95.15 |
| 10.5 | 497,380,730 | | 0.0000 | 1.0000 | 93.92 |
| 11.5 | 562,734,007 | 23,389,467 | 0.0416 | 0.9584 | 93.92 |
| 12.5 | 556,702,195 | | 0.0000 | 1.0000 | 90.01 |
| 13.5 | 541,447,695 | | 0.0000 | 1.0000 | 90.01 |
| 14.5 | 541,106,352 | | 0.0000 | 1.0000 | 90.01 |
| 15.5 | 541,106,352 | 5,240,505 | 0.0097 | 0.9903 | 90.01 |
| 16.5 | 535,235,700 | 646,492 | 0.0012 | 0.9988 | 89.14 |
| 17.5 | 527,015,526 | 4,728,752 | 0.0090 | 0.9910 | 89.03 |
| 18.5 | 519,143,530 | 1,413,560 | 0.0027 | 0.9973 | 88.24 |
| 19.5 | 517,098,547 | 1,999,112 | 0.0039 | 0.9961 | 88.00 |
| 20.5 | 487,630,665 | 691,445 | 0.0014 | 0.9986 | 87.66 |
| 21.5 | 486,735,954 | 6,603,526 | 0.0136 | 0.9864 | 87.53 |
| 22.5 | 480,132,428 | 4,860,604 | 0.0101 | 0.9899 | 86.34 |
| 23.5 | 460,802,329 | 8,309,995 | 0.0180 | 0.9820 | 85.47 |
| 24.5 | 452,338,522 | 2,987,173 | 0.0066 | 0.9934 | 83.93 |
| 25.5 | 380,353,750 | 12,878,726 | 0.0339 | 0.9661 | 83.37 |
| 26.5 | 339,305,764 | 7,242,493 | 0.0213 | 0.9787 | 80.55 |
| 27.5 | 183,985,055 | 2,427,160 | 0.0132 | 0.9868 | 78.83 |
| 28.5 | 179,921,374 | 19,774,281 | 0.1099 | 0.8901 | 77.79 |
| 29.5 | 160,130,563 | 12,330,485 | 0.0770 | 0.9230 | 69.24 |
| 30.5 | 64,151,874 | 8,033,696 | 0.1252 | 0.8748 | 63.91 |
| 31.5 | 56,116,079 | 1,571,825 | 0.0280 | 0.9720 | 55.91 |
| 32.5 | 52,732,364 | 1,089,129 | 0.0207 | 0.9793 | 54.34 |
| 33.5 | 51,643,235 | 3,020,490 | 0.0585 | 0.9415 | 53.22 |
| 34.5 | 48,578,649 | 3,671,774 | 0.0756 | 0.9244 | 50.11 |
| 35.5 | 44,906,875 | 3,564,764 | 0.0794 | 0.9206 | 46.32 |
| 36.5 | 41,089,662 | 1,291,823 | 0.0314 | 0.9686 | 42.64 |
| 37.5 | 15,467,162 | | 0.0000 | 1.0000 | 41.30 |
| 38.5 | | | | | 41.30 |

DUKE ENERGY CAROLINAS
ACCOUNT 330 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1910-1998 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 841,372 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 841,372 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 841,372 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 845,931 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 850,012 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 1,112,156 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 1,116,327 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 12,846,325 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 13,215,366 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 13,212,510 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 13,236,414 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 13,236,414 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 13,236,414 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 13,236,414 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 20,133,099 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 20,570,572 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 20,133,099 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 20,133,099 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 20,133,099 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 20,169,275 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 20,169,275 | | 0.0000 | 1.0000 | 100.00 |
| 20.5 | 19,445,583 | | 0.0000 | 1.0000 | 100.00 |
| 21.5 | 19,445,721 | | 0.0000 | 1.0000 | 100.00 |
| 22.5 | 19,445,703 | | 0.0000 | 1.0000 | 100.00 |
| 23.5 | 19,445,703 | | 0.0000 | 1.0000 | 100.00 |
| 24.5 | 19,371,657 | | 0.0000 | 1.0000 | 100.00 |
| 25.5 | 19,372,031 | | 0.0000 | 1.0000 | 100.00 |
| 26.5 | 19,372,031 | 253 | 0.0000 | 1.0000 | 100.00 |
| 27.5 | 19,371,778 | | 0.0000 | 1.0000 | 100.00 |
| 28.5 | 19,360,606 | | 0.0000 | 1.0000 | 100.00 |
| 29.5 | 19,358,999 | | 0.0000 | 1.0000 | 100.00 |
| 30.5 | 19,358,999 | | 0.0000 | 1.0000 | 100.00 |
| 31.5 | 19,358,999 | 8,273 | 0.0004 | 0.9996 | 100.00 |
| 32.5 | 19,326,737 | | 0.0000 | 1.0000 | 99.96 |
| 33.5 | 19,326,737 | | 0.0000 | 1.0000 | 99.96 |
| 34.5 | 19,322,656 | | 0.0000 | 1.0000 | 99.96 |
| 35.5 | 19,322,656 | | 0.0000 | 1.0000 | 99.96 |
| 36.5 | 19,318,485 | | 0.0000 | 1.0000 | 99.96 |
| 37.5 | 19,282,309 | | 0.0000 | 1.0000 | 99.96 |
| 38.5 | 18,957,451 | | 0.0000 | 1.0000 | 99.96 |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-1998 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 18,957,451 | | 0.0000 | 1.0000 | 99.96 |
| 40.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 41.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 42.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 43.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 44.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 45.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 46.5 | 6,890,457 | | 0.0000 | 1.0000 | 99.96 |
| 47.5 | 10,535 | | 0.0000 | 1.0000 | 99.96 |
| 48.5 | 10,535 | | 0.0000 | 1.0000 | 99.96 |
| 49.5 | 715,168 | | 0.0000 | 1.0000 | 99.96 |
| 50.5 | 1,028,567 | | 0.0000 | 1.0000 | 99.96 |
| 51.5 | 1,018,474 | | 0.0000 | 1.0000 | 99.96 |
| 52.5 | 2,418,962 | | 0.0000 | 1.0000 | 99.96 |
| 53.5 | 2,419,782 | | 0.0000 | 1.0000 | 99.96 |
| 54.5 | 2,739,340 | | 0.0000 | 1.0000 | 99.96 |
| 55.5 | 2,739,649 | | 0.0000 | 1.0000 | 99.96 |
| 56.5 | 2,750,470 | | 0.0000 | 1.0000 | 99.96 |
| 57.5 | 2,749,742 | 25 | 0.0000 | 1.0000 | 99.96 |
| 58.5 | 3,331,376 | | 0.0000 | 1.0000 | 99.96 |
| 59.5 | 3,331,731 | | 0.0000 | 1.0000 | 99.96 |
| 60.5 | 3,337,618 | | 0.0000 | 1.0000 | 99.96 |
| 61.5 | 3,372,958 | 8,818 | 0.0026 | 0.9974 | 99.96 |
| 62.5 | 3,372,307 | | 0.0000 | 1.0000 | 99.69 |
| 63.5 | 3,373,079 | | 0.0000 | 1.0000 | 99.69 |
| 64.5 | 3,373,189 | | 0.0000 | 1.0000 | 99.69 |
| 65.5 | 3,381,014 | | 0.0000 | 1.0000 | 99.69 |
| 66.5 | 3,381,468 | | 0.0000 | 1.0000 | 99.69 |
| 67.5 | 3,433,356 | | 0.0000 | 1.0000 | 99.69 |
| 68.5 | 3,485,187 | 67,995 | 0.0195 | 0.9805 | 99.69 |
| 69.5 | 3,357,143 | 442 | 0.0001 | 0.9999 | 97.75 |
| 70.5 | 3,303,014 | | 0.0000 | 1.0000 | 97.74 |
| 71.5 | 3,302,278 | | 0.0000 | 1.0000 | 97.74 |
| 72.5 | 3,302,278 | | 0.0000 | 1.0000 | 97.74 |
| 73.5 | 3,302,278 | | 0.0000 | 1.0000 | 97.74 |
| 74.5 | 3,302,278 | | 0.0000 | 1.0000 | 97.74 |
| 75.5 | 3,315,004 | | 0.0000 | 1.0000 | 97.74 |
| 76.5 | 3,315,004 | | 0.0000 | 1.0000 | 97.74 |
| 77.5 | 3,315,004 | | 0.0000 | 1.0000 | 97.74 |
| 78.5 | 3,332,408 | 6,613 | 0.0020 | 0.9980 | 97.74 |

DUKE ENERGY CAROLINAS

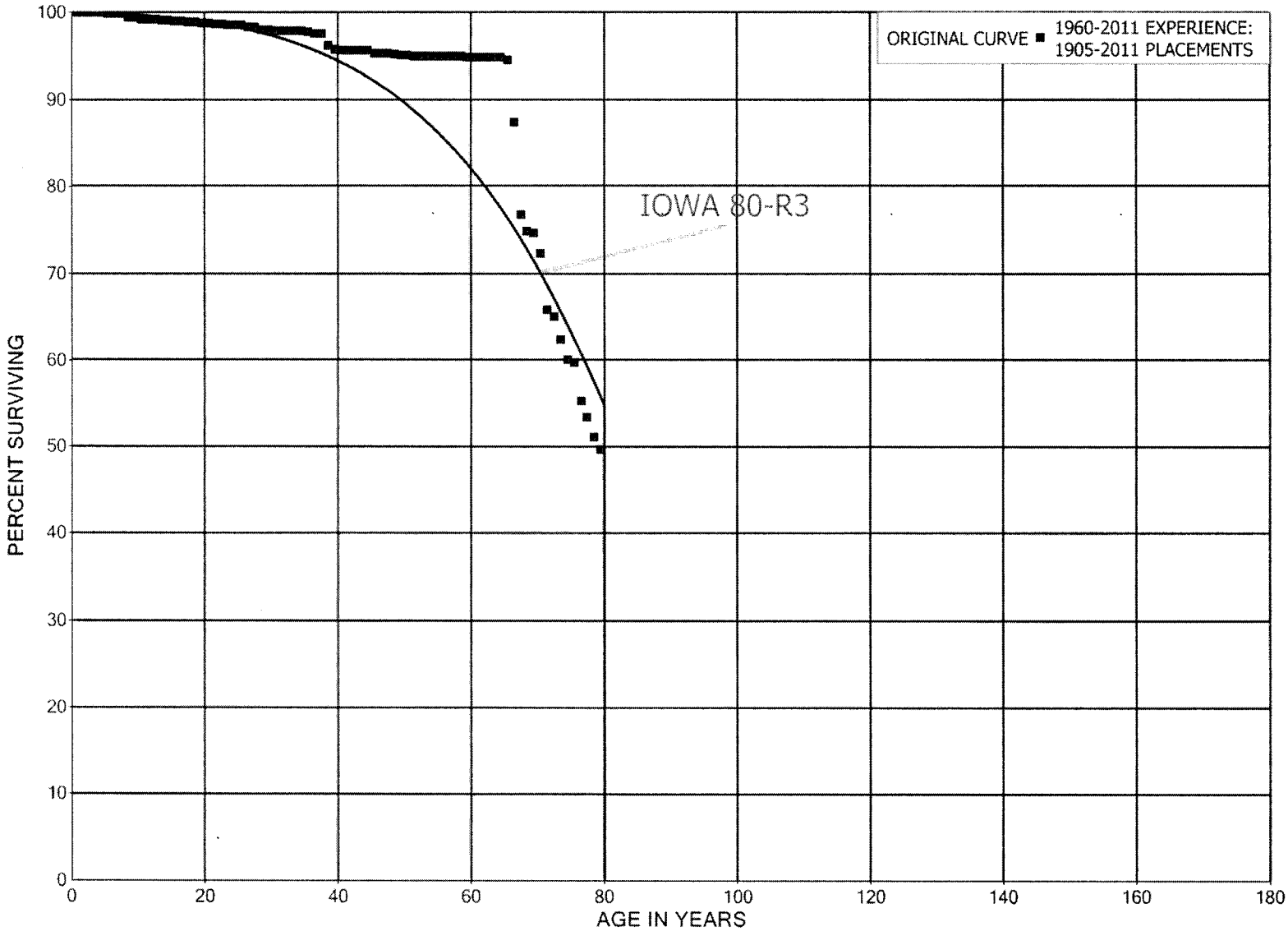
ACCOUNT 330 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-1998 EXPERIENCE BAND 1978-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 3,325,795 | | 0.0000 | 1.0000 | 97.54 |
| 80.5 | 3,326,507 | | 0.0000 | 1.0000 | 97.54 |
| 81.5 | 3,326,507 | | 0.0000 | 1.0000 | 97.54 |
| 82.5 | 3,326,881 | | 0.0000 | 1.0000 | 97.54 |
| 83.5 | 2,631,091 | | 0.0000 | 1.0000 | 97.54 |
| 84.5 | 2,335,260 | | 0.0000 | 1.0000 | 97.54 |
| 85.5 | 2,335,260 | | 0.0000 | 1.0000 | 97.54 |
| 86.5 | 982,391 | | 0.0000 | 1.0000 | 97.54 |
| 87.5 | 982,391 | | 0.0000 | 1.0000 | 97.54 |
| 88.5 | 662,833 | | 0.0000 | 1.0000 | 97.54 |
| 89.5 | 662,833 | | 0.0000 | 1.0000 | 97.54 |
| 90.5 | 662,833 | | 0.0000 | 1.0000 | 97.54 |
| 91.5 | 662,833 | | 0.0000 | 1.0000 | 97.54 |
| 92.5 | 65,017 | | 0.0000 | 1.0000 | 97.54 |
| 93.5 | 65,017 | | 0.0000 | 1.0000 | 97.54 |
| 94.5 | 58,904 | | 0.0000 | 1.0000 | 97.54 |
| 95.5 | 23,108 | | 0.0000 | 1.0000 | 97.54 |
| 96.5 | 15,682 | | 0.0000 | 1.0000 | 97.54 |
| 97.5 | 15,682 | | 0.0000 | 1.0000 | 97.54 |
| 98.5 | 15,682 | | 0.0000 | 1.0000 | 97.54 |
| 99.5 | 15,682 | | 0.0000 | 1.0000 | 97.54 |
| 100.5 | 15,682 | | 0.0000 | 1.0000 | 97.54 |
| 101.5 | | | | | 97.54 |

DUKE ENERGY CAROLINAS
ACCOUNT 331 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 479,693,986 | 3,650 | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 330,892,055 | 137,937 | 0.0004 | 0.9996 | 100.00 |
| 1.5 | 329,474,953 | 56,287 | 0.0002 | 0.9998 | 99.96 |
| 2.5 | 327,434,814 | 65,061 | 0.0002 | 0.9998 | 99.94 |
| 3.5 | 305,133,542 | 93,028 | 0.0003 | 0.9997 | 99.92 |
| 4.5 | 304,394,631 | 164,441 | 0.0005 | 0.9995 | 99.89 |
| 5.5 | 302,337,047 | | 0.0000 | 1.0000 | 99.84 |
| 6.5 | 301,335,478 | 151,586 | 0.0005 | 0.9995 | 99.84 |
| 7.5 | 300,013,129 | 1,083,198 | 0.0036 | 0.9964 | 99.79 |
| 8.5 | 297,729,126 | 228,457 | 0.0008 | 0.9992 | 99.43 |
| 9.5 | 295,460,455 | 434,104 | 0.0015 | 0.9985 | 99.35 |
| 10.5 | 293,372,679 | 33,161 | 0.0001 | 0.9999 | 99.20 |
| 11.5 | 287,146,916 | 127,037 | 0.0004 | 0.9996 | 99.19 |
| 12.5 | 280,482,701 | 221,169 | 0.0008 | 0.9992 | 99.15 |
| 13.5 | 278,007,647 | 99,394 | 0.0004 | 0.9996 | 99.07 |
| 14.5 | 272,586,985 | 114,374 | 0.0004 | 0.9996 | 99.03 |
| 15.5 | 268,526,644 | 48,950 | 0.0002 | 0.9998 | 98.99 |
| 16.5 | 265,436,524 | 260,508 | 0.0010 | 0.9990 | 98.98 |
| 17.5 | 263,565,110 | 213,962 | 0.0008 | 0.9992 | 98.88 |
| 18.5 | 263,794,891 | 110,900 | 0.0004 | 0.9996 | 98.80 |
| 19.5 | 259,211,520 | 3,000 | 0.0000 | 1.0000 | 98.76 |
| 20.5 | 36,714,905 | 36,083 | 0.0010 | 0.9990 | 98.76 |
| 21.5 | 36,359,376 | 28,144 | 0.0008 | 0.9992 | 98.66 |
| 22.5 | 36,321,704 | 39,167 | 0.0011 | 0.9989 | 98.58 |
| 23.5 | 36,006,084 | | 0.0000 | 1.0000 | 98.48 |
| 24.5 | 35,919,202 | | 0.0000 | 1.0000 | 98.48 |
| 25.5 | 35,631,936 | 56,909 | 0.0016 | 0.9984 | 98.48 |
| 26.5 | 35,381,660 | 2,893 | 0.0001 | 0.9999 | 98.32 |
| 27.5 | 32,232,342 | 127,826 | 0.0040 | 0.9960 | 98.31 |
| 28.5 | 32,100,147 | | 0.0000 | 1.0000 | 97.92 |
| 29.5 | 32,096,625 | 10,487 | 0.0003 | 0.9997 | 97.92 |
| 30.5 | 32,043,847 | 1,117 | 0.0000 | 1.0000 | 97.89 |
| 31.5 | 31,925,782 | 8,203 | 0.0003 | 0.9997 | 97.88 |
| 32.5 | 32,064,881 | 2,485 | 0.0001 | 0.9999 | 97.86 |
| 33.5 | 32,001,577 | | 0.0000 | 1.0000 | 97.85 |
| 34.5 | 32,533,640 | 55,315 | 0.0017 | 0.9983 | 97.85 |
| 35.5 | 32,478,182 | 67,056 | 0.0021 | 0.9979 | 97.69 |
| 36.5 | 31,658,466 | | 0.0000 | 1.0000 | 97.48 |
| 37.5 | 31,620,506 | 421,772 | 0.0133 | 0.9867 | 97.48 |
| 38.5 | 17,697,395 | 93,398 | 0.0053 | 0.9947 | 96.18 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 17,712,818 | 2,793 | 0.0002 | 0.9998 | 95.68 |
| 40.5 | 11,955,550 | | 0.0000 | 1.0000 | 95.66 |
| 41.5 | 11,948,584 | | 0.0000 | 1.0000 | 95.66 |
| 42.5 | 11,943,455 | | 0.0000 | 1.0000 | 95.66 |
| 43.5 | 12,119,223 | | 0.0000 | 1.0000 | 95.66 |
| 44.5 | 12,176,186 | 43,219 | 0.0035 | 0.9965 | 95.66 |
| 45.5 | 12,131,584 | 590 | 0.0000 | 1.0000 | 95.32 |
| 46.5 | 12,127,945 | 3,627 | 0.0003 | 0.9997 | 95.32 |
| 47.5 | 12,123,989 | 9,392 | 0.0008 | 0.9992 | 95.29 |
| 48.5 | 4,673,670 | 4,867 | 0.0010 | 0.9990 | 95.21 |
| 49.5 | 4,767,529 | 3,269 | 0.0007 | 0.9993 | 95.12 |
| 50.5 | 5,038,493 | 2,143 | 0.0004 | 0.9996 | 95.05 |
| 51.5 | 5,121,572 | | 0.0000 | 1.0000 | 95.01 |
| 52.5 | 5,361,311 | 1,000 | 0.0002 | 0.9998 | 95.01 |
| 53.5 | 5,359,598 | | 0.0000 | 1.0000 | 94.99 |
| 54.5 | 5,631,889 | 504 | 0.0001 | 0.9999 | 94.99 |
| 55.5 | 5,626,991 | 1,917 | 0.0003 | 0.9997 | 94.98 |
| 56.5 | 5,502,438 | | 0.0000 | 1.0000 | 94.95 |
| 57.5 | 5,425,368 | 2,800 | 0.0005 | 0.9995 | 94.95 |
| 58.5 | 5,421,032 | 1,440 | 0.0003 | 0.9997 | 94.90 |
| 59.5 | 5,352,065 | | 0.0000 | 1.0000 | 94.88 |
| 60.5 | 5,275,557 | | 0.0000 | 1.0000 | 94.88 |
| 61.5 | 5,273,591 | 363 | 0.0001 | 0.9999 | 94.88 |
| 62.5 | 5,262,770 | | 0.0000 | 1.0000 | 94.87 |
| 63.5 | 5,262,624 | 3,388 | 0.0006 | 0.9994 | 94.87 |
| 64.5 | 5,247,732 | 17,277 | 0.0033 | 0.9967 | 94.81 |
| 65.5 | 5,230,455 | 391,377 | 0.0748 | 0.9252 | 94.50 |
| 66.5 | 4,832,066 | 592,305 | 0.1226 | 0.8774 | 87.43 |
| 67.5 | 4,237,738 | 102,640 | 0.0242 | 0.9758 | 76.71 |
| 68.5 | 4,127,550 | 12,002 | 0.0029 | 0.9971 | 74.85 |
| 69.5 | 3,717,051 | 116,082 | 0.0312 | 0.9688 | 74.63 |
| 70.5 | 3,047,540 | 272,438 | 0.0894 | 0.9106 | 72.30 |
| 71.5 | 2,775,102 | 34,233 | 0.0123 | 0.9877 | 65.84 |
| 72.5 | 2,740,841 | 109,293 | 0.0399 | 0.9601 | 65.03 |
| 73.5 | 2,631,548 | 100,436 | 0.0382 | 0.9618 | 62.43 |
| 74.5 | 2,531,112 | 15,930 | 0.0063 | 0.9937 | 60.05 |
| 75.5 | 2,515,182 | 183,151 | 0.0728 | 0.9272 | 59.67 |
| 76.5 | 2,332,031 | 82,115 | 0.0352 | 0.9648 | 55.33 |
| 77.5 | 2,249,916 | 99,597 | 0.0443 | 0.9557 | 53.38 |
| 78.5 | 2,113,056 | 57,555 | 0.0272 | 0.9728 | 51.02 |

DUKE ENERGY CAROLINAS

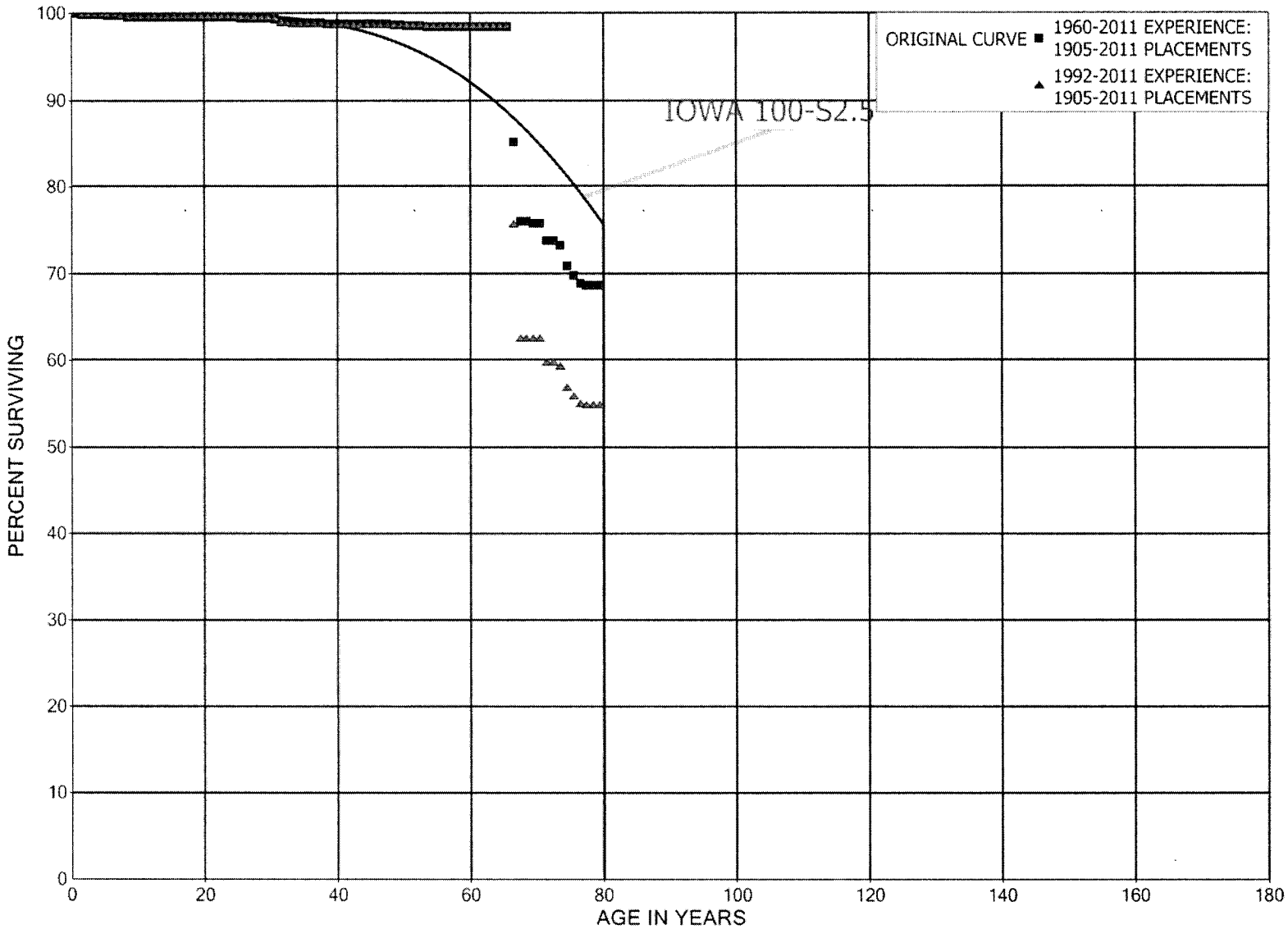
ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 2,055,501 | 135,289 | 0.0658 | 0.9342 | 49.63 |
| 80.5 | 1,920,212 | 62,869 | 0.0327 | 0.9673 | 46.36 |
| 81.5 | 1,857,343 | 60,047 | 0.0323 | 0.9677 | 44.84 |
| 82.5 | 1,756,988 | 39,295 | 0.0224 | 0.9776 | 43.39 |
| 83.5 | 1,717,693 | 143 | 0.0001 | 0.9999 | 42.42 |
| 84.5 | 1,628,134 | 8,094 | 0.0050 | 0.9950 | 42.42 |
| 85.5 | 1,620,040 | 1,093 | 0.0007 | 0.9993 | 42.21 |
| 86.5 | 1,489,592 | 16,762 | 0.0113 | 0.9887 | 42.18 |
| 87.5 | 1,458,405 | 17,541 | 0.0120 | 0.9880 | 41.71 |
| 88.5 | 1,372,967 | 91,156 | 0.0664 | 0.9336 | 41.20 |
| 89.5 | 1,281,811 | 35,134 | 0.0274 | 0.9726 | 38.47 |
| 90.5 | 1,246,677 | 273,071 | 0.2190 | 0.7810 | 37.41 |
| 91.5 | 928,625 | 129,195 | 0.1391 | 0.8609 | 29.22 |
| 92.5 | 658,612 | 3,857 | 0.0059 | 0.9941 | 25.15 |
| 93.5 | 654,755 | 3,786 | 0.0058 | 0.9942 | 25.01 |
| 94.5 | 650,969 | | 0.0000 | 1.0000 | 24.86 |
| 95.5 | 650,969 | | 0.0000 | 1.0000 | 24.86 |
| 96.5 | 650,969 | 86,646 | 0.1331 | 0.8669 | 24.86 |
| 97.5 | 564,323 | | 0.0000 | 1.0000 | 21.55 |
| 98.5 | 564,323 | | 0.0000 | 1.0000 | 21.55 |
| 99.5 | 564,323 | | 0.0000 | 1.0000 | 21.55 |
| 100.5 | 564,323 | 2,382 | 0.0042 | 0.9958 | 21.55 |
| 101.5 | 561,941 | | 0.0000 | 1.0000 | 21.46 |
| 102.5 | 302,309 | | 0.0000 | 1.0000 | 21.46 |
| 103.5 | 235,242 | 38,679 | 0.1644 | 0.8356 | 21.46 |
| 104.5 | | | | | 17.93 |

DUKE ENERGY CAROLINAS
ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 661,571,576 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 657,952,260 | 1,388,853 | 0.0021 | 0.9979 | 100.00 |
| 1.5 | 656,179,494 | | 0.0000 | 1.0000 | 99.79 |
| 2.5 | 653,598,835 | | 0.0000 | 1.0000 | 99.79 |
| 3.5 | 649,756,522 | | 0.0000 | 1.0000 | 99.79 |
| 4.5 | 647,112,638 | 141,597 | 0.0002 | 0.9998 | 99.79 |
| 5.5 | 644,829,031 | 430,868 | 0.0007 | 0.9993 | 99.77 |
| 6.5 | 631,936,244 | 177,852 | 0.0003 | 0.9997 | 99.70 |
| 7.5 | 613,846,618 | 799,737 | 0.0013 | 0.9987 | 99.67 |
| 8.5 | 612,690,880 | 19,286 | 0.0000 | 1.0000 | 99.54 |
| 9.5 | 601,589,104 | 89,958 | 0.0001 | 0.9999 | 99.54 |
| 10.5 | 597,434,395 | 172,800 | 0.0003 | 0.9997 | 99.52 |
| 11.5 | 587,618,725 | | 0.0000 | 1.0000 | 99.50 |
| 12.5 | 569,179,409 | | 0.0000 | 1.0000 | 99.50 |
| 13.5 | 565,083,051 | 2,771 | 0.0000 | 1.0000 | 99.50 |
| 14.5 | 562,748,276 | | 0.0000 | 1.0000 | 99.50 |
| 15.5 | 562,106,249 | 67,546 | 0.0001 | 0.9999 | 99.50 |
| 16.5 | 559,098,906 | | 0.0000 | 1.0000 | 99.48 |
| 17.5 | 573,352,736 | | 0.0000 | 1.0000 | 99.48 |
| 18.5 | 582,759,281 | 568 | 0.0000 | 1.0000 | 99.48 |
| 19.5 | 577,220,499 | | 0.0000 | 1.0000 | 99.48 |
| 20.5 | 127,065,350 | | 0.0000 | 1.0000 | 99.48 |
| 21.5 | 125,396,789 | 1,069 | 0.0000 | 1.0000 | 99.48 |
| 22.5 | 124,834,936 | 2,290 | 0.0000 | 1.0000 | 99.48 |
| 23.5 | 123,490,523 | 10,572 | 0.0001 | 0.9999 | 99.48 |
| 24.5 | 120,970,650 | 45,448 | 0.0004 | 0.9996 | 99.47 |
| 25.5 | 120,264,878 | 69,124 | 0.0006 | 0.9994 | 99.43 |
| 26.5 | 117,422,352 | | 0.0000 | 1.0000 | 99.38 |
| 27.5 | 117,257,947 | | 0.0000 | 1.0000 | 99.38 |
| 28.5 | 117,078,227 | | 0.0000 | 1.0000 | 99.38 |
| 29.5 | 117,055,607 | 64,317 | 0.0005 | 0.9995 | 99.38 |
| 30.5 | 116,955,786 | 396,929 | 0.0034 | 0.9966 | 99.32 |
| 31.5 | 118,657,516 | 82,067 | 0.0007 | 0.9993 | 98.99 |
| 32.5 | 120,063,743 | 70,115 | 0.0006 | 0.9994 | 98.92 |
| 33.5 | 121,368,749 | | 0.0000 | 1.0000 | 98.86 |
| 34.5 | 126,563,085 | 39,286 | 0.0003 | 0.9997 | 98.86 |
| 35.5 | 126,668,647 | | 0.0000 | 1.0000 | 98.83 |
| 36.5 | 129,727,782 | 8,617 | 0.0001 | 0.9999 | 98.83 |
| 37.5 | 129,601,241 | 78,189 | 0.0006 | 0.9994 | 98.82 |
| 38.5 | 80,860,209 | | 0.0000 | 1.0000 | 98.76 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 81,584,430 | | 0.0000 | 1.0000 | 98.76 |
| 40.5 | 71,415,011 | | 0.0000 | 1.0000 | 98.76 |
| 41.5 | 71,413,648 | | 0.0000 | 1.0000 | 98.76 |
| 42.5 | 71,753,808 | | 0.0000 | 1.0000 | 98.76 |
| 43.5 | 72,328,896 | | 0.0000 | 1.0000 | 98.76 |
| 44.5 | 73,564,384 | | 0.0000 | 1.0000 | 98.76 |
| 45.5 | 73,541,861 | | 0.0000 | 1.0000 | 98.76 |
| 46.5 | 73,538,111 | | 0.0000 | 1.0000 | 98.76 |
| 47.5 | 73,538,061 | 98,121 | 0.0013 | 0.9987 | 98.76 |
| 48.5 | 56,737,176 | | 0.0000 | 1.0000 | 98.63 |
| 49.5 | 57,759,530 | 74,865 | 0.0013 | 0.9987 | 98.63 |
| 50.5 | 58,397,384 | | 0.0000 | 1.0000 | 98.50 |
| 51.5 | 59,139,018 | 2,377 | 0.0000 | 1.0000 | 98.50 |
| 52.5 | 59,968,364 | 32,660 | 0.0005 | 0.9995 | 98.50 |
| 53.5 | 59,928,043 | | 0.0000 | 1.0000 | 98.45 |
| 54.5 | 59,963,198 | | 0.0000 | 1.0000 | 98.45 |
| 55.5 | 59,958,994 | 1,913 | 0.0000 | 1.0000 | 98.45 |
| 56.5 | 56,307,446 | | 0.0000 | 1.0000 | 98.44 |
| 57.5 | 54,283,231 | | 0.0000 | 1.0000 | 98.44 |
| 58.5 | 54,281,861 | | 0.0000 | 1.0000 | 98.44 |
| 59.5 | 53,209,686 | | 0.0000 | 1.0000 | 98.44 |
| 60.5 | 52,920,399 | | 0.0000 | 1.0000 | 98.44 |
| 61.5 | 52,569,112 | 13 | 0.0000 | 1.0000 | 98.44 |
| 62.5 | 51,379,532 | 38,580 | 0.0008 | 0.9992 | 98.44 |
| 63.5 | 51,339,364 | | 0.0000 | 1.0000 | 98.37 |
| 64.5 | 51,325,084 | 14,299 | 0.0003 | 0.9997 | 98.37 |
| 65.5 | 51,310,785 | 6,869,764 | 0.1339 | 0.8661 | 98.34 |
| 66.5 | 44,441,021 | 4,823,290 | 0.1085 | 0.8915 | 85.17 |
| 67.5 | 39,563,006 | 4,498 | 0.0001 | 0.9999 | 75.93 |
| 68.5 | 39,542,628 | 93,961 | 0.0024 | 0.9976 | 75.92 |
| 69.5 | 32,000,342 | | 0.0000 | 1.0000 | 75.74 |
| 70.5 | 27,171,534 | 741,116 | 0.0273 | 0.9727 | 75.74 |
| 71.5 | 26,430,418 | | 0.0000 | 1.0000 | 73.68 |
| 72.5 | 26,430,418 | 185,223 | 0.0070 | 0.9930 | 73.68 |
| 73.5 | 26,144,037 | 827,996 | 0.0317 | 0.9683 | 73.16 |
| 74.5 | 25,316,041 | 386,946 | 0.0153 | 0.9847 | 70.84 |
| 75.5 | 24,929,095 | 334,620 | 0.0134 | 0.9866 | 69.76 |
| 76.5 | 24,519,820 | 56,629 | 0.0023 | 0.9977 | 68.82 |
| 77.5 | 24,463,127 | 18,710 | 0.0008 | 0.9992 | 68.66 |
| 78.5 | 24,347,196 | | 0.0000 | 1.0000 | 68.61 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 24,347,196 | | 0.0000 | 1.0000 | 68.61 |
| 80.5 | 24,347,196 | 135,907 | 0.0056 | 0.9944 | 68.61 |
| 81.5 | 24,209,522 | 4,868 | 0.0002 | 0.9998 | 68.23 |
| 82.5 | 24,018,845 | 23,408 | 0.0010 | 0.9990 | 68.21 |
| 83.5 | 22,072,614 | 289,424 | 0.0131 | 0.9869 | 68.15 |
| 84.5 | 20,340,136 | 1,578 | 0.0001 | 0.9999 | 67.25 |
| 85.5 | 19,061,558 | 59,108 | 0.0031 | 0.9969 | 67.25 |
| 86.5 | 14,818,940 | | 0.0000 | 1.0000 | 67.04 |
| 87.5 | 14,720,603 | 150,699 | 0.0102 | 0.9898 | 67.04 |
| 88.5 | 11,504,054 | | 0.0000 | 1.0000 | 66.35 |
| 89.5 | 11,504,054 | | 0.0000 | 1.0000 | 66.35 |
| 90.5 | 11,504,054 | 62,282 | 0.0054 | 0.9946 | 66.35 |
| 91.5 | 11,441,772 | 23,868 | 0.0021 | 0.9979 | 66.00 |
| 92.5 | 4,963,953 | | 0.0000 | 1.0000 | 65.86 |
| 93.5 | 4,963,953 | | 0.0000 | 1.0000 | 65.86 |
| 94.5 | 4,658,319 | | 0.0000 | 1.0000 | 65.86 |
| 95.5 | 4,194,163 | | 0.0000 | 1.0000 | 65.86 |
| 96.5 | 3,097,028 | | 0.0000 | 1.0000 | 65.86 |
| 97.5 | 3,097,028 | | 0.0000 | 1.0000 | 65.86 |
| 98.5 | 3,097,028 | 5,857 | 0.0019 | 0.9981 | 65.86 |
| 99.5 | 3,091,171 | | 0.0000 | 1.0000 | 65.73 |
| 100.5 | 3,091,171 | | 0.0000 | 1.0000 | 65.73 |
| 101.5 | 2,101,941 | | 0.0000 | 1.0000 | 65.73 |
| 102.5 | 1,416,855 | | 0.0000 | 1.0000 | 65.73 |
| 103.5 | 853,426 | | 0.0000 | 1.0000 | 65.73 |
| 104.5 | | | | | 65.73 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 115,393,839 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 561,954,621 | 1,387,853 | 0.0025 | 0.9975 | 100.00 |
| 1.5 | 562,437,452 | | 0.0000 | 1.0000 | 99.75 |
| 2.5 | 560,449,687 | | 0.0000 | 1.0000 | 99.75 |
| 3.5 | 558,039,855 | | 0.0000 | 1.0000 | 99.75 |
| 4.5 | 554,332,789 | | 0.0000 | 1.0000 | 99.75 |
| 5.5 | 550,916,910 | 416,208 | 0.0008 | 0.9992 | 99.75 |
| 6.5 | 541,080,836 | 66,380 | 0.0001 | 0.9999 | 99.68 |
| 7.5 | 522,194,912 | 633,918 | 0.0012 | 0.9988 | 99.67 |
| 8.5 | 521,093,136 | | 0.0000 | 1.0000 | 99.54 |
| 9.5 | 509,686,517 | 89,958 | 0.0002 | 0.9998 | 99.54 |
| 10.5 | 504,563,554 | 172,800 | 0.0003 | 0.9997 | 99.53 |
| 11.5 | 494,778,197 | | 0.0000 | 1.0000 | 99.49 |
| 12.5 | 476,401,139 | | 0.0000 | 1.0000 | 99.49 |
| 13.5 | 472,304,781 | 2,771 | 0.0000 | 1.0000 | 99.49 |
| 14.5 | 470,255,275 | | 0.0000 | 1.0000 | 99.49 |
| 15.5 | 469,588,934 | 67,546 | 0.0001 | 0.9999 | 99.49 |
| 16.5 | 467,223,282 | | 0.0000 | 1.0000 | 99.48 |
| 17.5 | 467,772,598 | | 0.0000 | 1.0000 | 99.48 |
| 18.5 | 516,039,112 | | 0.0000 | 1.0000 | 99.48 |
| 19.5 | 510,506,700 | | 0.0000 | 1.0000 | 99.48 |
| 20.5 | 77,382,709 | | 0.0000 | 1.0000 | 99.48 |
| 21.5 | 75,617,440 | 1,069 | 0.0000 | 1.0000 | 99.48 |
| 22.5 | 75,064,427 | | 0.0000 | 1.0000 | 99.48 |
| 23.5 | 73,722,304 | 10,572 | 0.0001 | 0.9999 | 99.48 |
| 24.5 | 71,126,087 | 45,448 | 0.0006 | 0.9994 | 99.46 |
| 25.5 | 70,442,774 | 5,000 | 0.0001 | 0.9999 | 99.40 |
| 26.5 | 67,570,901 | | 0.0000 | 1.0000 | 99.39 |
| 27.5 | 67,488,613 | | 0.0000 | 1.0000 | 99.39 |
| 28.5 | 84,089,846 | | 0.0000 | 1.0000 | 99.39 |
| 29.5 | 84,065,671 | 64,317 | 0.0008 | 0.9992 | 99.39 |
| 30.5 | 83,784,434 | 396,929 | 0.0047 | 0.9953 | 99.32 |
| 31.5 | 83,355,604 | 82,067 | 0.0010 | 0.9990 | 98.85 |
| 32.5 | 83,240,887 | 70,115 | 0.0008 | 0.9992 | 98.75 |
| 33.5 | 83,180,810 | | 0.0000 | 1.0000 | 98.66 |
| 34.5 | 83,206,857 | 39,286 | 0.0005 | 0.9995 | 98.66 |
| 35.5 | 83,143,421 | | 0.0000 | 1.0000 | 98.62 |
| 36.5 | 86,119,895 | 8,617 | 0.0001 | 0.9999 | 98.62 |
| 37.5 | 88,017,569 | 78,189 | 0.0009 | 0.9991 | 98.61 |
| 38.5 | 39,277,907 | | 0.0000 | 1.0000 | 98.52 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 40,344,280 | | 0.0000 | 1.0000 | 98.52 |
| 40.5 | 23,872,494 | | 0.0000 | 1.0000 | 98.52 |
| 41.5 | 24,222,418 | | 0.0000 | 1.0000 | 98.52 |
| 42.5 | 25,403,145 | | 0.0000 | 1.0000 | 98.52 |
| 43.5 | 25,404,733 | | 0.0000 | 1.0000 | 98.52 |
| 44.5 | 25,418,205 | | 0.0000 | 1.0000 | 98.52 |
| 45.5 | 25,395,682 | | 0.0000 | 1.0000 | 98.52 |
| 46.5 | 25,391,932 | | 0.0000 | 1.0000 | 98.52 |
| 47.5 | 25,446,607 | | 0.0000 | 1.0000 | 98.52 |
| 48.5 | 8,774,022 | | 0.0000 | 1.0000 | 98.52 |
| 49.5 | 23,058,563 | | 0.0000 | 1.0000 | 98.52 |
| 50.5 | 32,706,268 | | 0.0000 | 1.0000 | 98.52 |
| 51.5 | 32,706,268 | 2,377 | 0.0001 | 0.9999 | 98.52 |
| 52.5 | 32,660,003 | 32,660 | 0.0010 | 0.9990 | 98.51 |
| 53.5 | 32,722,753 | | 0.0000 | 1.0000 | 98.41 |
| 54.5 | 32,722,434 | | 0.0000 | 1.0000 | 98.41 |
| 55.5 | 32,718,230 | 1,913 | 0.0001 | 0.9999 | 98.41 |
| 56.5 | 29,143,834 | | 0.0000 | 1.0000 | 98.41 |
| 57.5 | 27,119,683 | | 0.0000 | 1.0000 | 98.41 |
| 58.5 | 27,215,534 | | 0.0000 | 1.0000 | 98.41 |
| 59.5 | 26,143,359 | | 0.0000 | 1.0000 | 98.41 |
| 60.5 | 25,854,072 | | 0.0000 | 1.0000 | 98.41 |
| 61.5 | 25,504,552 | | 0.0000 | 1.0000 | 98.41 |
| 62.5 | 24,500,794 | | 0.0000 | 1.0000 | 98.41 |
| 63.5 | 26,629,766 | | 0.0000 | 1.0000 | 98.41 |
| 64.5 | 28,141,738 | 14,299 | 0.0005 | 0.9995 | 98.41 |
| 65.5 | 29,404,439 | 6,833,159 | 0.2324 | 0.7676 | 98.36 |
| 66.5 | 27,772,548 | 4,823,290 | 0.1737 | 0.8263 | 75.50 |
| 67.5 | 22,992,870 | 584 | 0.0000 | 1.0000 | 62.39 |
| 68.5 | 26,708,689 | 2,685 | 0.0001 | 0.9999 | 62.39 |
| 69.5 | 19,257,679 | | 0.0000 | 1.0000 | 62.38 |
| 70.5 | 14,428,871 | 630,221 | 0.0437 | 0.9563 | 62.38 |
| 71.5 | 14,503,318 | | 0.0000 | 1.0000 | 59.66 |
| 72.5 | 20,984,077 | 185,223 | 0.0088 | 0.9912 | 59.66 |
| 73.5 | 20,697,696 | 827,996 | 0.0400 | 0.9600 | 59.13 |
| 74.5 | 20,175,334 | 377,732 | 0.0187 | 0.9813 | 56.76 |
| 75.5 | 20,320,866 | 328,330 | 0.0162 | 0.9838 | 55.70 |
| 76.5 | 21,135,857 | 38,950 | 0.0018 | 0.9982 | 54.80 |
| 77.5 | 21,096,843 | | 0.0000 | 1.0000 | 54.70 |
| 78.5 | 20,999,622 | | 0.0000 | 1.0000 | 54.70 |

DUKE ENERGY CAROLINAS

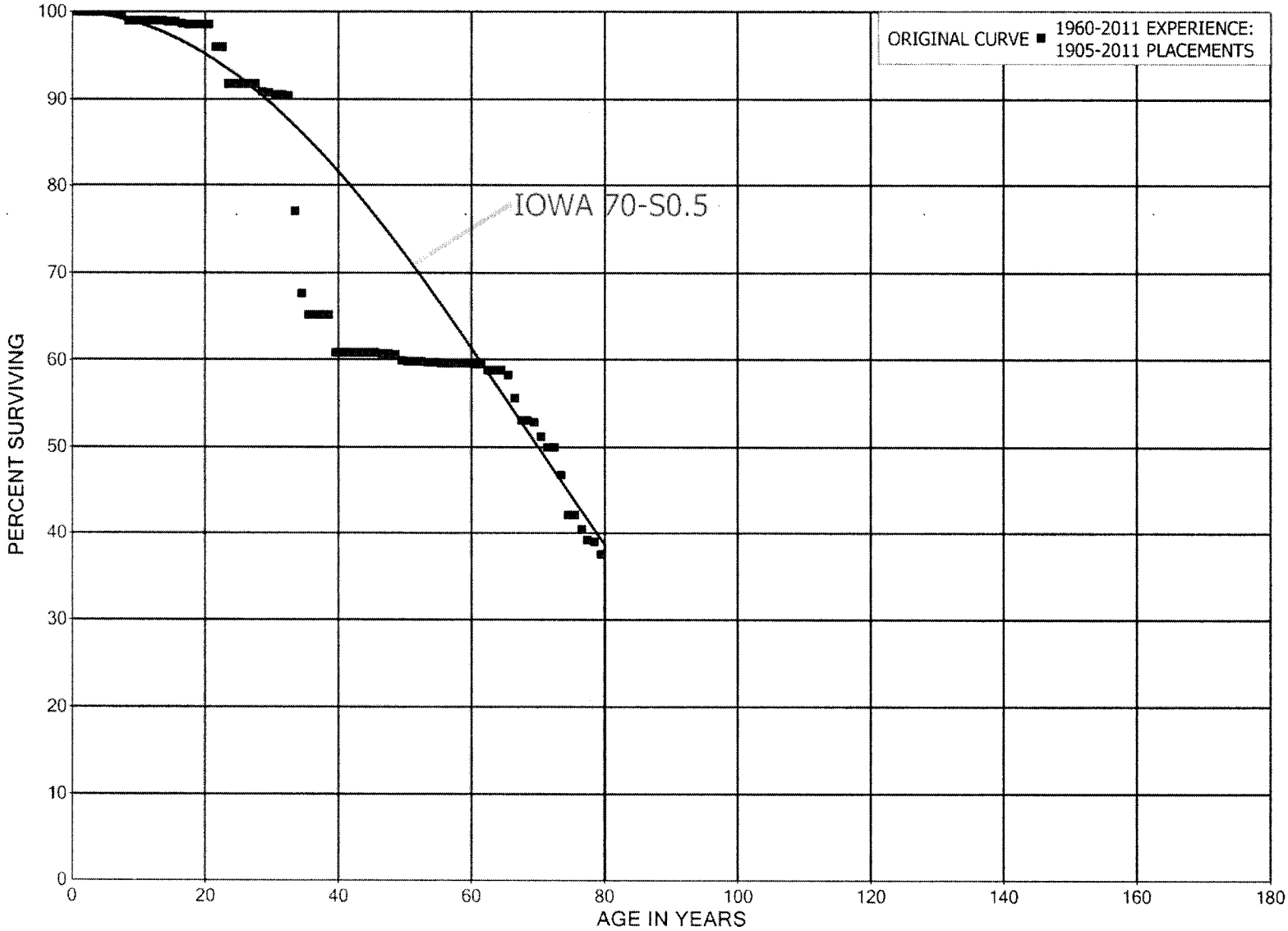
ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 20,999,622 | | 0.0000 | 1.0000 | 54.70 |
| 80.5 | 20,999,622 | 102,571 | 0.0049 | 0.9951 | 54.70 |
| 81.5 | 21,884,514 | | 0.0000 | 1.0000 | 54.43 |
| 82.5 | 22,415,817 | 23,408 | 0.0010 | 0.9990 | 54.43 |
| 83.5 | 21,183,714 | 289,424 | 0.0137 | 0.9863 | 54.38 |
| 84.5 | 20,304,662 | 1,578 | 0.0001 | 0.9999 | 53.63 |
| 85.5 | 19,026,084 | 59,108 | 0.0031 | 0.9969 | 53.63 |
| 86.5 | 14,818,940 | | 0.0000 | 1.0000 | 53.46 |
| 87.5 | 14,720,603 | 150,699 | 0.0102 | 0.9898 | 53.46 |
| 88.5 | 11,504,054 | | 0.0000 | 1.0000 | 52.92 |
| 89.5 | 11,504,054 | | 0.0000 | 1.0000 | 52.92 |
| 90.5 | 11,504,054 | 62,282 | 0.0054 | 0.9946 | 52.92 |
| 91.5 | 11,441,772 | 23,868 | 0.0021 | 0.9979 | 52.63 |
| 92.5 | 4,963,953 | | 0.0000 | 1.0000 | 52.52 |
| 93.5 | 4,963,953 | | 0.0000 | 1.0000 | 52.52 |
| 94.5 | 4,658,319 | | 0.0000 | 1.0000 | 52.52 |
| 95.5 | 4,194,163 | | 0.0000 | 1.0000 | 52.52 |
| 96.5 | 3,097,028 | | 0.0000 | 1.0000 | 52.52 |
| 97.5 | 3,097,028 | | 0.0000 | 1.0000 | 52.52 |
| 98.5 | 3,097,028 | 5,857 | 0.0019 | 0.9981 | 52.52 |
| 99.5 | 3,091,171 | | 0.0000 | 1.0000 | 52.42 |
| 100.5 | 3,091,171 | | 0.0000 | 1.0000 | 52.42 |
| 101.5 | 2,101,941 | | 0.0000 | 1.0000 | 52.42 |
| 102.5 | 1,416,855 | | 0.0000 | 1.0000 | 52.42 |
| 103.5 | 853,426 | | 0.0000 | 1.0000 | 52.42 |
| 104.5 | | | | | 52.42 |

DUKE ENERGY CAROLINAS
ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 571,893,573 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 552,250,312 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 550,939,969 | 57,151 | 0.0001 | 0.9999 | 100.00 |
| 2.5 | 511,935,851 | 84,559 | 0.0002 | 0.9998 | 99.99 |
| 3.5 | 510,906,677 | 296,523 | 0.0006 | 0.9994 | 99.97 |
| 4.5 | 483,301,306 | 29,540 | 0.0001 | 0.9999 | 99.92 |
| 5.5 | 476,003,635 | 74,624 | 0.0002 | 0.9998 | 99.91 |
| 6.5 | 453,205,639 | 170,276 | 0.0004 | 0.9996 | 99.89 |
| 7.5 | 432,607,419 | 3,890,919 | 0.0090 | 0.9910 | 99.86 |
| 8.5 | 422,258,351 | | 0.0000 | 1.0000 | 98.96 |
| 9.5 | 414,769,065 | | 0.0000 | 1.0000 | 98.96 |
| 10.5 | 396,834,317 | | 0.0000 | 1.0000 | 98.96 |
| 11.5 | 377,683,205 | 41,147 | 0.0001 | 0.9999 | 98.96 |
| 12.5 | 360,861,696 | 5,285 | 0.0000 | 1.0000 | 98.95 |
| 13.5 | 355,410,365 | 318,541 | 0.0009 | 0.9991 | 98.95 |
| 14.5 | 327,594,599 | | 0.0000 | 1.0000 | 98.86 |
| 15.5 | 313,475,218 | 770,658 | 0.0025 | 0.9975 | 98.86 |
| 16.5 | 302,842,332 | 208,854 | 0.0007 | 0.9993 | 98.61 |
| 17.5 | 297,808,926 | 153,924 | 0.0005 | 0.9995 | 98.55 |
| 18.5 | 285,230,378 | 118,452 | 0.0004 | 0.9996 | 98.49 |
| 19.5 | 282,550,732 | 1,764 | 0.0000 | 1.0000 | 98.45 |
| 20.5 | 52,999,725 | 1,365,617 | 0.0258 | 0.9742 | 98.45 |
| 21.5 | 51,335,275 | 1,921 | 0.0000 | 1.0000 | 95.92 |
| 22.5 | 51,333,354 | 2,229,457 | 0.0434 | 0.9566 | 95.91 |
| 23.5 | 49,059,544 | 18,434 | 0.0004 | 0.9996 | 91.75 |
| 24.5 | 48,904,451 | 3,847 | 0.0001 | 0.9999 | 91.71 |
| 25.5 | 48,887,372 | 4,000 | 0.0001 | 0.9999 | 91.71 |
| 26.5 | 48,872,830 | | 0.0000 | 1.0000 | 91.70 |
| 27.5 | 48,830,171 | 458,381 | 0.0094 | 0.9906 | 91.70 |
| 28.5 | 48,220,822 | 64,370 | 0.0013 | 0.9987 | 90.84 |
| 29.5 | 48,137,672 | 133,618 | 0.0028 | 0.9972 | 90.72 |
| 30.5 | 48,012,416 | | 0.0000 | 1.0000 | 90.46 |
| 31.5 | 48,391,099 | 32,009 | 0.0007 | 0.9993 | 90.46 |
| 32.5 | 49,035,620 | 7,207,236 | 0.1470 | 0.8530 | 90.40 |
| 33.5 | 41,840,216 | 5,128,440 | 0.1226 | 0.8774 | 77.12 |
| 34.5 | 37,994,755 | 1,389,579 | 0.0366 | 0.9634 | 67.66 |
| 35.5 | 36,635,990 | | 0.0000 | 1.0000 | 65.19 |
| 36.5 | 34,541,816 | | 0.0000 | 1.0000 | 65.19 |
| 37.5 | 34,499,198 | 5,071 | 0.0001 | 0.9999 | 65.19 |
| 38.5 | 21,645,314 | 1,436,440 | 0.0664 | 0.9336 | 65.18 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 20,399,638 | | 0.0000 | 1.0000 | 60.85 |
| 40.5 | 21,031,127 | | 0.0000 | 1.0000 | 60.85 |
| 41.5 | 21,028,551 | | 0.0000 | 1.0000 | 60.85 |
| 42.5 | 21,027,848 | 6,233 | 0.0003 | 0.9997 | 60.85 |
| 43.5 | 21,330,493 | | 0.0000 | 1.0000 | 60.84 |
| 44.5 | 21,603,504 | | 0.0000 | 1.0000 | 60.84 |
| 45.5 | 21,603,504 | 46,932 | 0.0022 | 0.9978 | 60.84 |
| 46.5 | 21,555,314 | 7,483 | 0.0003 | 0.9997 | 60.70 |
| 47.5 | 21,547,831 | 38,867 | 0.0018 | 0.9982 | 60.68 |
| 48.5 | 8,697,520 | 82,013 | 0.0094 | 0.9906 | 60.57 |
| 49.5 | 8,978,220 | 26,396 | 0.0029 | 0.9971 | 60.00 |
| 50.5 | 9,910,969 | | 0.0000 | 1.0000 | 59.83 |
| 51.5 | 10,084,197 | 1,065 | 0.0001 | 0.9999 | 59.83 |
| 52.5 | 10,504,321 | 18,133 | 0.0017 | 0.9983 | 59.82 |
| 53.5 | 10,483,993 | 1,000 | 0.0001 | 0.9999 | 59.72 |
| 54.5 | 10,598,969 | 8,624 | 0.0008 | 0.9992 | 59.71 |
| 55.5 | 10,585,673 | | 0.0000 | 1.0000 | 59.66 |
| 56.5 | 10,273,399 | 2,197 | 0.0002 | 0.9998 | 59.66 |
| 57.5 | 10,039,528 | 6,600 | 0.0007 | 0.9993 | 59.65 |
| 58.5 | 9,990,965 | 2,008 | 0.0002 | 0.9998 | 59.61 |
| 59.5 | 9,843,813 | 12,490 | 0.0013 | 0.9987 | 59.60 |
| 60.5 | 9,701,767 | | 0.0000 | 1.0000 | 59.52 |
| 61.5 | 9,701,266 | 115,528 | 0.0119 | 0.9881 | 59.52 |
| 62.5 | 9,550,387 | 5,193 | 0.0005 | 0.9995 | 58.81 |
| 63.5 | 9,545,194 | | 0.0000 | 1.0000 | 58.78 |
| 64.5 | 9,544,864 | 74,479 | 0.0078 | 0.9922 | 58.78 |
| 65.5 | 9,470,074 | 440,423 | 0.0465 | 0.9535 | 58.32 |
| 66.5 | 9,029,651 | 408,136 | 0.0452 | 0.9548 | 55.61 |
| 67.5 | 8,621,329 | 8,617 | 0.0010 | 0.9990 | 53.10 |
| 68.5 | 8,531,077 | 37,964 | 0.0045 | 0.9955 | 53.04 |
| 69.5 | 8,036,614 | 250,772 | 0.0312 | 0.9688 | 52.81 |
| 70.5 | 7,394,546 | 172,798 | 0.0234 | 0.9766 | 51.16 |
| 71.5 | 7,221,748 | 4,867 | 0.0007 | 0.9993 | 49.96 |
| 72.5 | 7,216,881 | 464,734 | 0.0644 | 0.9356 | 49.93 |
| 73.5 | 6,752,147 | 666,639 | 0.0987 | 0.9013 | 46.72 |
| 74.5 | 6,085,508 | 2,000 | 0.0003 | 0.9997 | 42.10 |
| 75.5 | 6,083,508 | 251,339 | 0.0413 | 0.9587 | 42.09 |
| 76.5 | 5,832,169 | 164,678 | 0.0282 | 0.9718 | 40.35 |
| 77.5 | 5,667,491 | 45,408 | 0.0080 | 0.9920 | 39.21 |
| 78.5 | 5,608,200 | 199,279 | 0.0355 | 0.9645 | 38.90 |

DUKE ENERGY CAROLINAS

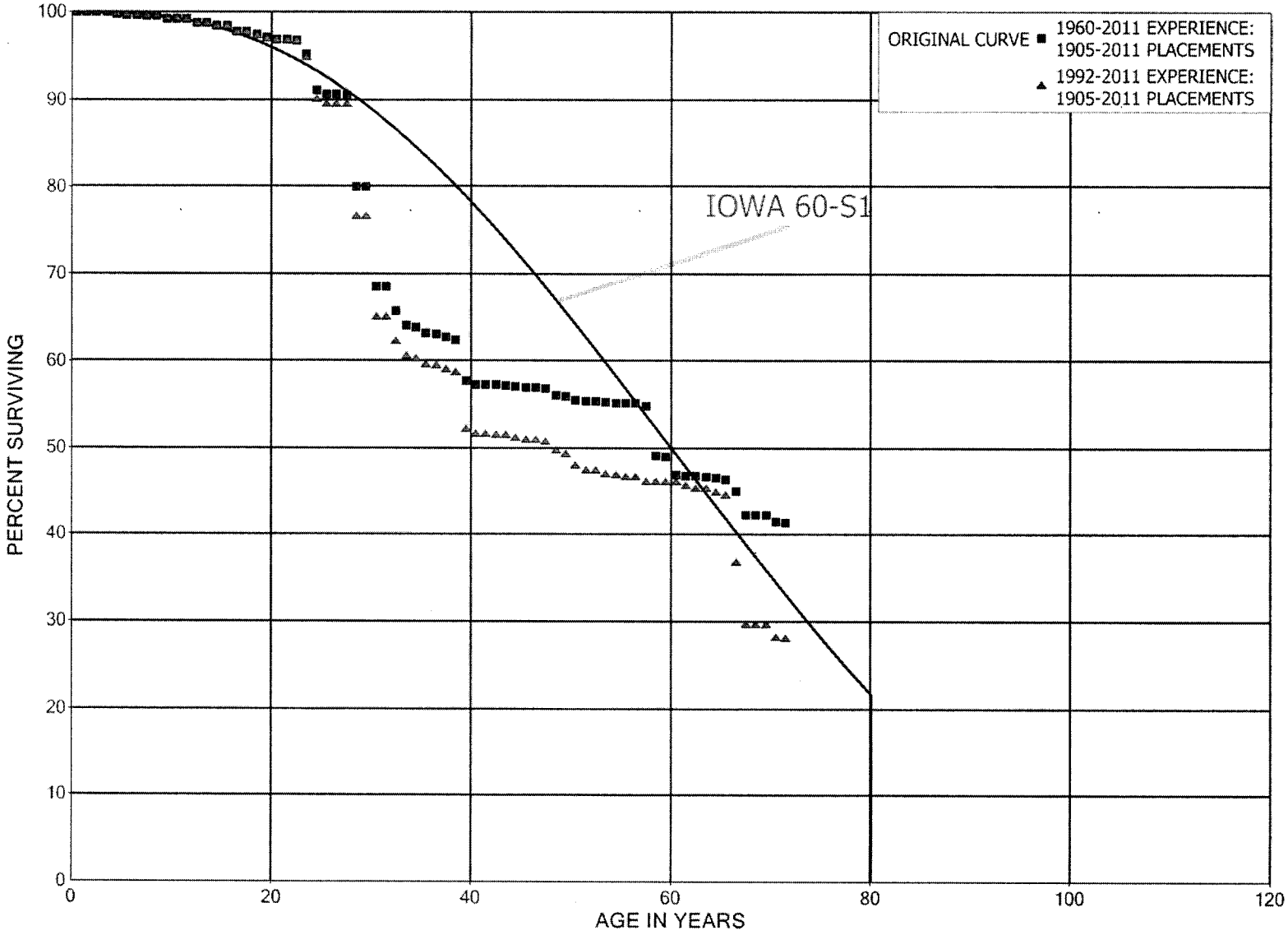
ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 5,408,921 | 1,305 | 0.0002 | 0.9998 | 37.52 |
| 80.5 | 5,407,616 | 172,125 | 0.0318 | 0.9682 | 37.51 |
| 81.5 | 5,234,374 | 448,620 | 0.0857 | 0.9143 | 36.31 |
| 82.5 | 4,777,392 | 86,264 | 0.0181 | 0.9819 | 33.20 |
| 83.5 | 4,567,042 | | 0.0000 | 1.0000 | 32.60 |
| 84.5 | 4,188,994 | 239,907 | 0.0573 | 0.9427 | 32.60 |
| 85.5 | 3,949,087 | 157,834 | 0.0400 | 0.9600 | 30.73 |
| 86.5 | 3,137,050 | 26,823 | 0.0086 | 0.9914 | 29.51 |
| 87.5 | 3,110,227 | 67,821 | 0.0218 | 0.9782 | 29.25 |
| 88.5 | 2,602,750 | 3,266 | 0.0013 | 0.9987 | 28.62 |
| 89.5 | 2,599,484 | 2,857 | 0.0011 | 0.9989 | 28.58 |
| 90.5 | 2,596,627 | 116,111 | 0.0447 | 0.9553 | 28.55 |
| 91.5 | 2,301,482 | 179,492 | 0.0780 | 0.9220 | 27.27 |
| 92.5 | 1,756,185 | 380 | 0.0002 | 0.9998 | 25.14 |
| 93.5 | 1,755,805 | | 0.0000 | 1.0000 | 25.14 |
| 94.5 | 1,755,805 | | 0.0000 | 1.0000 | 25.14 |
| 95.5 | 1,738,279 | | 0.0000 | 1.0000 | 25.14 |
| 96.5 | 1,636,995 | 244,193 | 0.1492 | 0.8508 | 25.14 |
| 97.5 | 1,392,802 | 20,443 | 0.0147 | 0.9853 | 21.39 |
| 98.5 | 1,372,359 | | 0.0000 | 1.0000 | 21.07 |
| 99.5 | 1,372,359 | | 0.0000 | 1.0000 | 21.07 |
| 100.5 | 1,372,359 | 4,307 | 0.0031 | 0.9969 | 21.07 |
| 101.5 | 1,248,571 | | 0.0000 | 1.0000 | 21.01 |
| 102.5 | 323,601 | | 0.0000 | 1.0000 | 21.01 |
| 103.5 | 323,601 | | 0.0000 | 1.0000 | 21.01 |
| 104.5 | | | | | 21.01 |

DUKE ENERGY CAROLINAS
ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 134,040,606 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 133,282,073 | 7,508 | 0.0001 | 0.9999 | 100.00 |
| 1.5 | 132,949,080 | 5,548 | 0.0000 | 1.0000 | 99.99 |
| 2.5 | 132,681,239 | | 0.0000 | 1.0000 | 99.99 |
| 3.5 | 132,633,853 | 352,954 | 0.0027 | 0.9973 | 99.99 |
| 4.5 | 131,436,834 | 76,985 | 0.0006 | 0.9994 | 99.72 |
| 5.5 | 130,685,016 | 87,941 | 0.0007 | 0.9993 | 99.67 |
| 6.5 | 129,525,544 | 106,663 | 0.0008 | 0.9992 | 99.60 |
| 7.5 | 128,771,026 | 10,986 | 0.0001 | 0.9999 | 99.52 |
| 8.5 | 127,236,103 | 378,950 | 0.0030 | 0.9970 | 99.51 |
| 9.5 | 114,043,764 | 15,344 | 0.0001 | 0.9999 | 99.21 |
| 10.5 | 111,386,528 | 81,883 | 0.0007 | 0.9993 | 99.20 |
| 11.5 | 98,695,431 | 380,841 | 0.0039 | 0.9961 | 99.13 |
| 12.5 | 91,932,099 | 26,566 | 0.0003 | 0.9997 | 98.74 |
| 13.5 | 90,982,913 | 250,225 | 0.0028 | 0.9972 | 98.71 |
| 14.5 | 83,614,619 | 75,677 | 0.0009 | 0.9991 | 98.44 |
| 15.5 | 78,511,979 | 477,850 | 0.0061 | 0.9939 | 98.35 |
| 16.5 | 74,130,674 | 64,515 | 0.0009 | 0.9991 | 97.76 |
| 17.5 | 73,902,746 | 226,691 | 0.0031 | 0.9969 | 97.67 |
| 18.5 | 71,883,923 | 241,673 | 0.0034 | 0.9966 | 97.37 |
| 19.5 | 70,201,920 | 147,528 | 0.0021 | 0.9979 | 97.04 |
| 20.5 | 15,143,513 | | 0.0000 | 1.0000 | 96.84 |
| 21.5 | 15,007,516 | 11,847 | 0.0008 | 0.9992 | 96.84 |
| 22.5 | 14,685,960 | 240,462 | 0.0164 | 0.9836 | 96.76 |
| 23.5 | 14,023,380 | 601,704 | 0.0429 | 0.9571 | 95.18 |
| 24.5 | 12,685,304 | 62,563 | 0.0049 | 0.9951 | 91.09 |
| 25.5 | 11,811,869 | 7,991 | 0.0007 | 0.9993 | 90.65 |
| 26.5 | 11,613,494 | 10,242 | 0.0009 | 0.9991 | 90.58 |
| 27.5 | 11,566,631 | 1,352,874 | 0.1170 | 0.8830 | 90.50 |
| 28.5 | 10,166,999 | | 0.0000 | 1.0000 | 79.92 |
| 29.5 | 10,161,591 | 1,451,387 | 0.1428 | 0.8572 | 79.92 |
| 30.5 | 8,273,951 | 247 | 0.0000 | 1.0000 | 68.50 |
| 31.5 | 8,156,355 | 329,180 | 0.0404 | 0.9596 | 68.50 |
| 32.5 | 7,902,816 | 194,825 | 0.0247 | 0.9753 | 65.74 |
| 33.5 | 7,628,153 | 39,287 | 0.0052 | 0.9948 | 64.12 |
| 34.5 | 7,791,711 | 70,211 | 0.0090 | 0.9910 | 63.79 |
| 35.5 | 7,668,963 | 15,243 | 0.0020 | 0.9980 | 63.21 |
| 36.5 | 6,495,066 | 40,750 | 0.0063 | 0.9937 | 63.09 |
| 37.5 | 6,398,412 | 32,236 | 0.0050 | 0.9950 | 62.69 |
| 38.5 | 2,754,244 | 205,371 | 0.0746 | 0.9254 | 62.37 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 2,551,836 | 19,408 | 0.0076 | 0.9924 | 57.72 |
| 40.5 | 2,561,282 | | 0.0000 | 1.0000 | 57.28 |
| 41.5 | 2,561,282 | 1,230 | 0.0005 | 0.9995 | 57.28 |
| 42.5 | 2,558,047 | 1,923 | 0.0008 | 0.9992 | 57.26 |
| 43.5 | 2,629,495 | 8,906 | 0.0034 | 0.9966 | 57.21 |
| 44.5 | 2,700,283 | 4,933 | 0.0018 | 0.9982 | 57.02 |
| 45.5 | 2,694,168 | 384 | 0.0001 | 0.9999 | 56.92 |
| 46.5 | 2,693,302 | 5,674 | 0.0021 | 0.9979 | 56.91 |
| 47.5 | 2,687,446 | 33,286 | 0.0124 | 0.9876 | 56.79 |
| 48.5 | 1,418,446 | 2,290 | 0.0016 | 0.9984 | 56.08 |
| 49.5 | 1,453,504 | 12,025 | 0.0083 | 0.9917 | 55.99 |
| 50.5 | 1,537,223 | 4,727 | 0.0031 | 0.9969 | 55.53 |
| 51.5 | 1,546,243 | | 0.0000 | 1.0000 | 55.36 |
| 52.5 | 1,647,239 | 3,331 | 0.0020 | 0.9980 | 55.36 |
| 53.5 | 1,643,908 | 812 | 0.0005 | 0.9995 | 55.25 |
| 54.5 | 1,686,561 | 1,712 | 0.0010 | 0.9990 | 55.22 |
| 55.5 | 1,684,763 | | 0.0000 | 1.0000 | 55.16 |
| 56.5 | 1,636,022 | 10,317 | 0.0063 | 0.9937 | 55.16 |
| 57.5 | 1,580,822 | 166,070 | 0.1051 | 0.8949 | 54.82 |
| 58.5 | 1,414,752 | 1,704 | 0.0012 | 0.9988 | 49.06 |
| 59.5 | 1,384,118 | 61,771 | 0.0446 | 0.9554 | 49.00 |
| 60.5 | 1,309,802 | 2,420 | 0.0018 | 0.9982 | 46.81 |
| 61.5 | 1,306,908 | 1,341 | 0.0010 | 0.9990 | 46.73 |
| 62.5 | 1,298,656 | 2,651 | 0.0020 | 0.9980 | 46.68 |
| 63.5 | 1,286,910 | 2,441 | 0.0019 | 0.9981 | 46.58 |
| 64.5 | 1,283,500 | 5,704 | 0.0044 | 0.9956 | 46.49 |
| 65.5 | 1,273,696 | 38,070 | 0.0299 | 0.9701 | 46.29 |
| 66.5 | 1,235,410 | 74,861 | 0.0606 | 0.9394 | 44.90 |
| 67.5 | 1,159,466 | 800 | 0.0007 | 0.9993 | 42.18 |
| 68.5 | 1,155,115 | | 0.0000 | 1.0000 | 42.15 |
| 69.5 | 1,113,412 | 20,973 | 0.0188 | 0.9812 | 42.15 |
| 70.5 | 1,032,163 | 2,270 | 0.0022 | 0.9978 | 41.36 |
| 71.5 | 1,028,693 | | 0.0000 | 1.0000 | 41.27 |
| 72.5 | 1,028,693 | 42,557 | 0.0414 | 0.9586 | 41.27 |
| 73.5 | 986,136 | 55,912 | 0.0567 | 0.9433 | 39.56 |
| 74.5 | 930,224 | | 0.0000 | 1.0000 | 37.32 |
| 75.5 | 924,685 | 12,662 | 0.0137 | 0.9863 | 37.32 |
| 76.5 | 911,282 | 2,625 | 0.0029 | 0.9971 | 36.81 |
| 77.5 | 908,551 | 582 | 0.0006 | 0.9994 | 36.70 |
| 78.5 | 904,283 | 71,281 | 0.0788 | 0.9212 | 36.68 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 833,002 | 1,394 | 0.0017 | 0.9983 | 33.79 |
| 80.5 | 831,608 | 29,738 | 0.0358 | 0.9642 | 33.73 |
| 81.5 | 801,870 | 95,290 | 0.1188 | 0.8812 | 32.52 |
| 82.5 | 704,892 | 29,874 | 0.0424 | 0.9576 | 28.66 |
| 83.5 | 675,018 | 11,812 | 0.0175 | 0.9825 | 27.44 |
| 84.5 | 710,825 | 24,504 | 0.0345 | 0.9655 | 26.96 |
| 85.5 | 686,321 | 39,126 | 0.0570 | 0.9430 | 26.03 |
| 86.5 | 510,777 | 41,482 | 0.0812 | 0.9188 | 24.55 |
| 87.5 | 469,295 | 7,307 | 0.0156 | 0.9844 | 22.56 |
| 88.5 | 361,878 | | 0.0000 | 1.0000 | 22.21 |
| 89.5 | 361,878 | | 0.0000 | 1.0000 | 22.21 |
| 90.5 | 361,878 | 40,865 | 0.1129 | 0.8871 | 22.21 |
| 91.5 | 321,013 | 61,685 | 0.1922 | 0.8078 | 19.70 |
| 92.5 | 259,328 | | 0.0000 | 1.0000 | 15.91 |
| 93.5 | 259,328 | | 0.0000 | 1.0000 | 15.91 |
| 94.5 | 259,328 | | 0.0000 | 1.0000 | 15.91 |
| 95.5 | 244,117 | | 0.0000 | 1.0000 | 15.91 |
| 96.5 | 204,917 | | 0.0000 | 1.0000 | 15.91 |
| 97.5 | 204,917 | | 0.0000 | 1.0000 | 15.91 |
| 98.5 | 204,917 | | 0.0000 | 1.0000 | 15.91 |
| 99.5 | 204,917 | | 0.0000 | 1.0000 | 15.91 |
| 100.5 | 204,917 | | 0.0000 | 1.0000 | 15.91 |
| 101.5 | 169,054 | | 0.0000 | 1.0000 | 15.91 |
| 102.5 | 89,180 | | 0.0000 | 1.0000 | 15.91 |
| 103.5 | 89,180 | | 0.0000 | 1.0000 | 15.91 |
| 104.5 | | | | | 15.91 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 62,842,024 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 117,820,300 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 117,429,837 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 117,537,017 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 117,464,351 | 330,000 | 0.0028 | 0.9972 | 100.00 |
| 4.5 | 117,438,308 | 63,944 | 0.0005 | 0.9995 | 99.72 |
| 5.5 | 117,722,144 | 73,984 | 0.0006 | 0.9994 | 99.66 |
| 6.5 | 117,121,092 | 90,634 | 0.0008 | 0.9992 | 99.60 |
| 7.5 | 116,394,072 | | 0.0000 | 1.0000 | 99.53 |
| 8.5 | 114,890,082 | 378,950 | 0.0033 | 0.9967 | 99.53 |
| 9.5 | 101,931,677 | 15,344 | 0.0002 | 0.9998 | 99.20 |
| 10.5 | 99,710,627 | 81,883 | 0.0008 | 0.9992 | 99.18 |
| 11.5 | 87,195,918 | 379,163 | 0.0043 | 0.9957 | 99.10 |
| 12.5 | 80,420,157 | 21,979 | 0.0003 | 0.9997 | 98.67 |
| 13.5 | 79,950,175 | 250,225 | 0.0031 | 0.9969 | 98.64 |
| 14.5 | 72,591,791 | 36,049 | 0.0005 | 0.9995 | 98.33 |
| 15.5 | 67,619,563 | 471,850 | 0.0070 | 0.9930 | 98.28 |
| 16.5 | 64,578,194 | 17,039 | 0.0003 | 0.9997 | 97.60 |
| 17.5 | 64,372,397 | 226,691 | 0.0035 | 0.9965 | 97.57 |
| 18.5 | 67,476,321 | 237,701 | 0.0035 | 0.9965 | 97.23 |
| 19.5 | 65,853,015 | 147,528 | 0.0022 | 0.9978 | 96.89 |
| 20.5 | 12,966,744 | | 0.0000 | 1.0000 | 96.67 |
| 21.5 | 12,831,247 | 11,847 | 0.0009 | 0.9991 | 96.67 |
| 22.5 | 12,515,014 | 240,462 | 0.0192 | 0.9808 | 96.58 |
| 23.5 | 11,852,412 | 599,826 | 0.0506 | 0.9494 | 94.73 |
| 24.5 | 10,515,473 | 61,569 | 0.0059 | 0.9941 | 89.93 |
| 25.5 | 9,651,297 | 2,479 | 0.0003 | 0.9997 | 89.40 |
| 26.5 | 9,455,532 | 3,318 | 0.0004 | 0.9996 | 89.38 |
| 27.5 | 9,416,237 | 1,352,874 | 0.1437 | 0.8563 | 89.35 |
| 28.5 | 9,609,806 | | 0.0000 | 1.0000 | 76.51 |
| 29.5 | 9,614,563 | 1,451,387 | 0.1510 | 0.8490 | 76.51 |
| 30.5 | 7,762,222 | 247 | 0.0000 | 1.0000 | 64.96 |
| 31.5 | 7,612,834 | 329,180 | 0.0432 | 0.9568 | 64.96 |
| 32.5 | 7,269,543 | 194,825 | 0.0268 | 0.9732 | 62.15 |
| 33.5 | 7,010,446 | 39,287 | 0.0056 | 0.9944 | 60.49 |
| 34.5 | 6,965,373 | 70,211 | 0.0101 | 0.9899 | 60.15 |
| 35.5 | 6,841,635 | 15,243 | 0.0022 | 0.9978 | 59.54 |
| 36.5 | 5,520,999 | 39,021 | 0.0071 | 0.9929 | 59.41 |
| 37.5 | 5,473,103 | 32,236 | 0.0059 | 0.9941 | 58.99 |
| 38.5 | 1,831,544 | 205,371 | 0.1121 | 0.8879 | 58.64 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,661,009 | 19,408 | 0.0117 | 0.9883 | 52.07 |
| 40.5 | 1,476,651 | | 0.0000 | 1.0000 | 51.46 |
| 41.5 | 1,479,656 | 1,230 | 0.0008 | 0.9992 | 51.46 |
| 42.5 | 1,484,542 | 1,923 | 0.0013 | 0.9987 | 51.41 |
| 43.5 | 1,497,027 | 8,906 | 0.0059 | 0.9941 | 51.35 |
| 44.5 | 1,496,123 | 4,933 | 0.0033 | 0.9967 | 51.04 |
| 45.5 | 1,494,108 | 384 | 0.0003 | 0.9997 | 50.87 |
| 46.5 | 1,493,458 | 5,674 | 0.0038 | 0.9962 | 50.86 |
| 47.5 | 1,493,305 | 30,648 | 0.0205 | 0.9795 | 50.67 |
| 48.5 | 231,849 | 2,290 | 0.0099 | 0.9901 | 49.63 |
| 49.5 | 310,808 | 8,455 | 0.0272 | 0.9728 | 49.14 |
| 50.5 | 397,487 | 4,727 | 0.0119 | 0.9881 | 47.80 |
| 51.5 | 381,987 | | 0.0000 | 1.0000 | 47.23 |
| 52.5 | 381,987 | 3,331 | 0.0087 | 0.9913 | 47.23 |
| 53.5 | 378,656 | 812 | 0.0021 | 0.9979 | 46.82 |
| 54.5 | 377,844 | 1,712 | 0.0045 | 0.9955 | 46.72 |
| 55.5 | 376,068 | | 0.0000 | 1.0000 | 46.51 |
| 56.5 | 328,068 | 4,055 | 0.0124 | 0.9876 | 46.51 |
| 57.5 | 279,236 | | 0.0000 | 1.0000 | 45.93 |
| 58.5 | 283,102 | | 0.0000 | 1.0000 | 45.93 |
| 59.5 | 254,172 | | 0.0000 | 1.0000 | 45.93 |
| 60.5 | 241,627 | 2,420 | 0.0100 | 0.9900 | 45.93 |
| 61.5 | 238,733 | 1,341 | 0.0056 | 0.9944 | 45.47 |
| 62.5 | 232,495 | | 0.0000 | 1.0000 | 45.22 |
| 63.5 | 223,400 | 2,441 | 0.0109 | 0.9891 | 45.22 |
| 64.5 | 220,990 | 1,355 | 0.0061 | 0.9939 | 44.72 |
| 65.5 | 215,535 | 38,070 | 0.1766 | 0.8234 | 44.45 |
| 66.5 | 325,558 | 62,687 | 0.1926 | 0.8074 | 36.60 |
| 67.5 | 278,288 | | 0.0000 | 1.0000 | 29.55 |
| 68.5 | 471,955 | | 0.0000 | 1.0000 | 29.55 |
| 69.5 | 430,252 | 20,973 | 0.0487 | 0.9513 | 29.55 |
| 70.5 | 349,003 | 2,270 | 0.0065 | 0.9935 | 28.11 |
| 71.5 | 345,533 | | 0.0000 | 1.0000 | 27.93 |
| 72.5 | 547,543 | 42,557 | 0.0777 | 0.9223 | 27.93 |
| 73.5 | 504,986 | 55,912 | 0.1107 | 0.8893 | 25.76 |
| 74.5 | 449,074 | | 0.0000 | 1.0000 | 22.91 |
| 75.5 | 516,906 | 12,662 | 0.0245 | 0.9755 | 22.91 |
| 76.5 | 582,397 | 2,400 | 0.0041 | 0.9959 | 22.34 |
| 77.5 | 579,891 | 582 | 0.0010 | 0.9990 | 22.25 |
| 78.5 | 575,623 | 58,624 | 0.1018 | 0.8982 | 22.23 |

DUKE ENERGY CAROLINAS

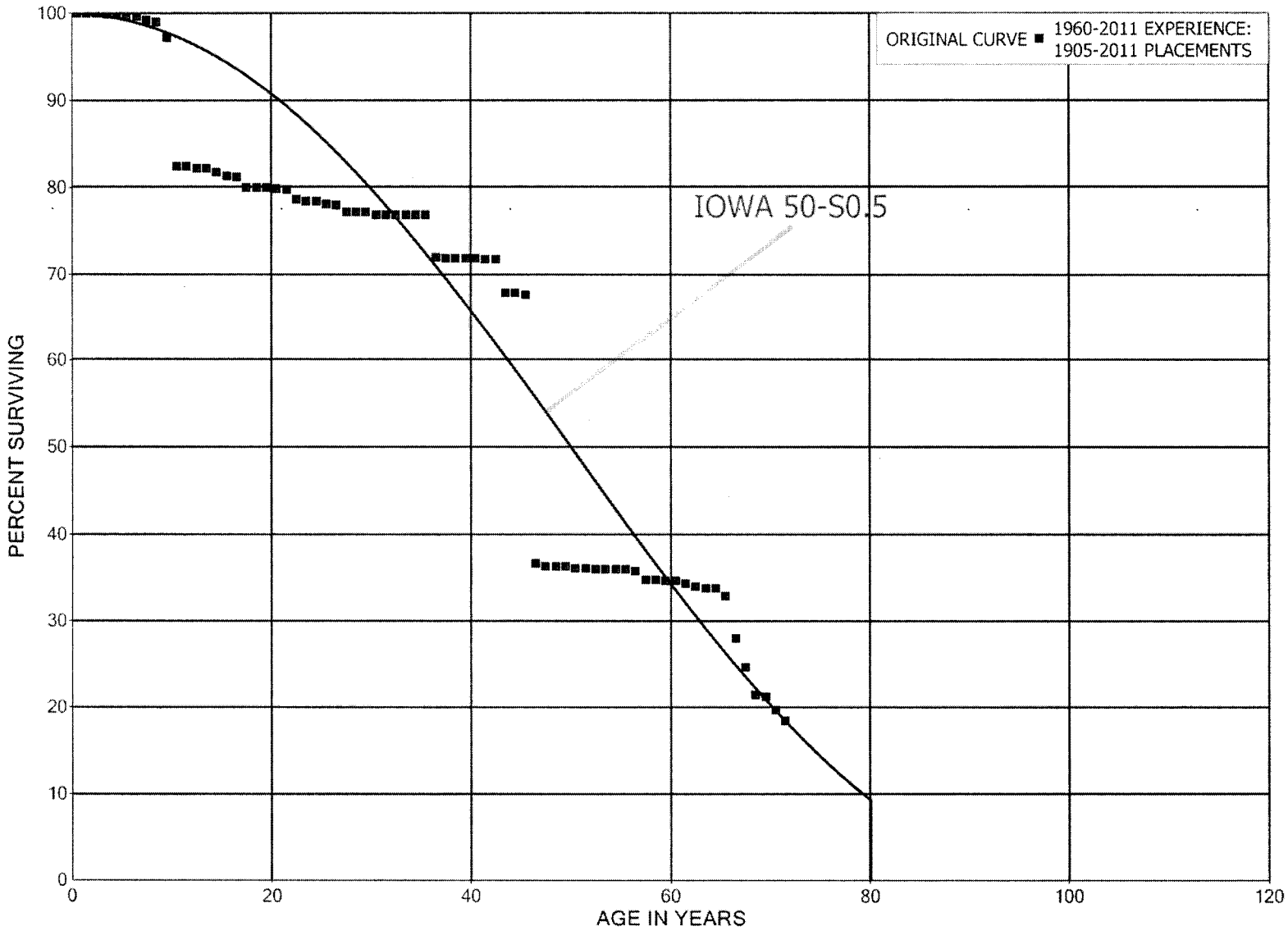
ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 516,999 | | 0.0000 | 1.0000 | 19.97 |
| 80.5 | 516,999 | 29,738 | 0.0575 | 0.9425 | 19.97 |
| 81.5 | 524,609 | 95,290 | 0.1816 | 0.8184 | 18.82 |
| 82.5 | 548,987 | 29,874 | 0.0544 | 0.9456 | 15.40 |
| 83.5 | 544,833 | 11,812 | 0.0217 | 0.9783 | 14.56 |
| 84.5 | 669,960 | 24,504 | 0.0366 | 0.9634 | 14.25 |
| 85.5 | 645,456 | 39,126 | 0.0606 | 0.9394 | 13.72 |
| 86.5 | 510,777 | 41,482 | 0.0812 | 0.9188 | 12.89 |
| 87.5 | 469,295 | 7,307 | 0.0156 | 0.9844 | 11.85 |
| 88.5 | 361,878 | | 0.0000 | 1.0000 | 11.66 |
| 89.5 | 361,878 | | 0.0000 | 1.0000 | 11.66 |
| 90.5 | 361,878 | 40,865 | 0.1129 | 0.8871 | 11.66 |
| 91.5 | 321,013 | 61,685 | 0.1922 | 0.8078 | 10.34 |
| 92.5 | 259,328 | | 0.0000 | 1.0000 | 8.36 |
| 93.5 | 259,328 | | 0.0000 | 1.0000 | 8.36 |
| 94.5 | 259,328 | | 0.0000 | 1.0000 | 8.36 |
| 95.5 | 244,117 | | 0.0000 | 1.0000 | 8.36 |
| 96.5 | 204,917 | | 0.0000 | 1.0000 | 8.36 |
| 97.5 | 204,917 | | 0.0000 | 1.0000 | 8.36 |
| 98.5 | 204,917 | | 0.0000 | 1.0000 | 8.36 |
| 99.5 | 204,917 | | 0.0000 | 1.0000 | 8.36 |
| 100.5 | 204,917 | | 0.0000 | 1.0000 | 8.36 |
| 101.5 | 169,054 | | 0.0000 | 1.0000 | 8.36 |
| 102.5 | 89,180 | | 0.0000 | 1.0000 | 8.36 |
| 103.5 | 89,180 | | 0.0000 | 1.0000 | 8.36 |
| 104.5 | | | | | 8.36 |

DUKE ENERGY CAROLINAS
ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 65,999,165 | 11,421 | 0.0002 | 0.9998 | 100.00 |
| 0.5 | 64,828,913 | 2,886 | 0.0000 | 1.0000 | 99.98 |
| 1.5 | 64,311,580 | 14,073 | 0.0002 | 0.9998 | 99.98 |
| 2.5 | 47,189,502 | 59,102 | 0.0013 | 0.9987 | 99.96 |
| 3.5 | 38,967,946 | 15,142 | 0.0004 | 0.9996 | 99.83 |
| 4.5 | 38,546,618 | 37,422 | 0.0010 | 0.9990 | 99.79 |
| 5.5 | 38,670,094 | 25,344 | 0.0007 | 0.9993 | 99.70 |
| 6.5 | 38,858,351 | 160,723 | 0.0041 | 0.9959 | 99.63 |
| 7.5 | 38,461,944 | 109,514 | 0.0028 | 0.9972 | 99.22 |
| 8.5 | 37,685,582 | 668,362 | 0.0177 | 0.9823 | 98.94 |
| 9.5 | 36,255,871 | 5,497,303 | 0.1516 | 0.8484 | 97.18 |
| 10.5 | 30,364,497 | 21,781 | 0.0007 | 0.9993 | 82.45 |
| 11.5 | 29,827,566 | 70,872 | 0.0024 | 0.9976 | 82.39 |
| 12.5 | 29,873,923 | 11,367 | 0.0004 | 0.9996 | 82.19 |
| 13.5 | 29,974,770 | 145,165 | 0.0048 | 0.9952 | 82.16 |
| 14.5 | 29,769,597 | 189,949 | 0.0064 | 0.9936 | 81.76 |
| 15.5 | 29,281,754 | 28,064 | 0.0010 | 0.9990 | 81.24 |
| 16.5 | 29,088,110 | 436,856 | 0.0150 | 0.9850 | 81.16 |
| 17.5 | 28,494,226 | 11,277 | 0.0004 | 0.9996 | 79.94 |
| 18.5 | 28,195,348 | 3,507 | 0.0001 | 0.9999 | 79.91 |
| 19.5 | 28,036,903 | 30,140 | 0.0011 | 0.9989 | 79.90 |
| 20.5 | 6,376,122 | 11,408 | 0.0018 | 0.9982 | 79.82 |
| 21.5 | 6,062,432 | 78,178 | 0.0129 | 0.9871 | 79.67 |
| 22.5 | 4,748,824 | 12,855 | 0.0027 | 0.9973 | 78.65 |
| 23.5 | 4,208,998 | 3,073 | 0.0007 | 0.9993 | 78.43 |
| 24.5 | 3,683,656 | 12,388 | 0.0034 | 0.9966 | 78.38 |
| 25.5 | 3,267,178 | 8,606 | 0.0026 | 0.9974 | 78.11 |
| 26.5 | 3,192,279 | 29,658 | 0.0093 | 0.9907 | 77.91 |
| 27.5 | 3,089,061 | 333 | 0.0001 | 0.9999 | 77.18 |
| 28.5 | 3,071,808 | 903 | 0.0003 | 0.9997 | 77.17 |
| 29.5 | 3,019,080 | 11,429 | 0.0038 | 0.9962 | 77.15 |
| 30.5 | 2,983,938 | 315 | 0.0001 | 0.9999 | 76.86 |
| 31.5 | 2,832,909 | | 0.0000 | 1.0000 | 76.85 |
| 32.5 | 2,554,369 | 142 | 0.0001 | 0.9999 | 76.85 |
| 33.5 | 2,365,787 | 1,279 | 0.0005 | 0.9995 | 76.85 |
| 34.5 | 2,394,408 | | 0.0000 | 1.0000 | 76.81 |
| 35.5 | 2,380,157 | 150,147 | 0.0631 | 0.9369 | 76.81 |
| 36.5 | 2,177,156 | 3,679 | 0.0017 | 0.9983 | 71.96 |
| 37.5 | 2,135,107 | | 0.0000 | 1.0000 | 71.84 |
| 38.5 | 1,200,017 | 248 | 0.0002 | 0.9998 | 71.84 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,201,929 | 335 | 0.0003 | 0.9997 | 71.82 |
| 40.5 | 915,413 | 1,585 | 0.0017 | 0.9983 | 71.80 |
| 41.5 | 909,074 | | 0.0000 | 1.0000 | 71.68 |
| 42.5 | 906,165 | 48,122 | 0.0531 | 0.9469 | 71.68 |
| 43.5 | 872,450 | | 0.0000 | 1.0000 | 67.87 |
| 44.5 | 891,364 | 3,125 | 0.0035 | 0.9965 | 67.87 |
| 45.5 | 888,194 | 407,582 | 0.4589 | 0.5411 | 67.63 |
| 46.5 | 480,612 | 3,991 | 0.0083 | 0.9917 | 36.60 |
| 47.5 | 476,073 | 429 | 0.0009 | 0.9991 | 36.29 |
| 48.5 | 475,644 | 222 | 0.0005 | 0.9995 | 36.26 |
| 49.5 | 486,545 | 2,576 | 0.0053 | 0.9947 | 36.24 |
| 50.5 | 495,095 | 153 | 0.0003 | 0.9997 | 36.05 |
| 51.5 | 525,703 | 615 | 0.0012 | 0.9988 | 36.04 |
| 52.5 | 590,343 | | 0.0000 | 1.0000 | 36.00 |
| 53.5 | 590,055 | 1,449 | 0.0025 | 0.9975 | 36.00 |
| 54.5 | 589,721 | | 0.0000 | 1.0000 | 35.91 |
| 55.5 | 589,721 | 2,951 | 0.0050 | 0.9950 | 35.91 |
| 56.5 | 569,956 | 15,644 | 0.0274 | 0.9726 | 35.73 |
| 57.5 | 534,076 | | 0.0000 | 1.0000 | 34.75 |
| 58.5 | 533,873 | 2,500 | 0.0047 | 0.9953 | 34.75 |
| 59.5 | 517,367 | | 0.0000 | 1.0000 | 34.59 |
| 60.5 | 516,616 | 5,250 | 0.0102 | 0.9898 | 34.59 |
| 61.5 | 502,424 | 4,406 | 0.0088 | 0.9912 | 34.24 |
| 62.5 | 498,018 | 2,905 | 0.0058 | 0.9942 | 33.94 |
| 63.5 | 494,548 | | 0.0000 | 1.0000 | 33.74 |
| 64.5 | 493,825 | 12,490 | 0.0253 | 0.9747 | 33.74 |
| 65.5 | 481,292 | 72,424 | 0.1505 | 0.8495 | 32.88 |
| 66.5 | 408,868 | 49,105 | 0.1201 | 0.8799 | 27.94 |
| 67.5 | 359,011 | 46,668 | 0.1300 | 0.8700 | 24.58 |
| 68.5 | 311,942 | 3,250 | 0.0104 | 0.9896 | 21.39 |
| 69.5 | 250,913 | 18,769 | 0.0748 | 0.9252 | 21.16 |
| 70.5 | 189,558 | 11,277 | 0.0595 | 0.9405 | 19.58 |
| 71.5 | 178,281 | | 0.0000 | 1.0000 | 18.42 |
| 72.5 | 178,281 | 2,526 | 0.0142 | 0.9858 | 18.42 |
| 73.5 | 175,755 | 22,951 | 0.1306 | 0.8694 | 18.15 |
| 74.5 | 152,804 | 3,647 | 0.0239 | 0.9761 | 15.78 |
| 75.5 | 149,157 | | 0.0000 | 1.0000 | 15.41 |
| 76.5 | 149,157 | 13,133 | 0.0880 | 0.9120 | 15.41 |
| 77.5 | 136,024 | 15,584 | 0.1146 | 0.8854 | 14.05 |
| 78.5 | 119,708 | | 0.0000 | 1.0000 | 12.44 |

DUKE ENERGY CAROLINAS

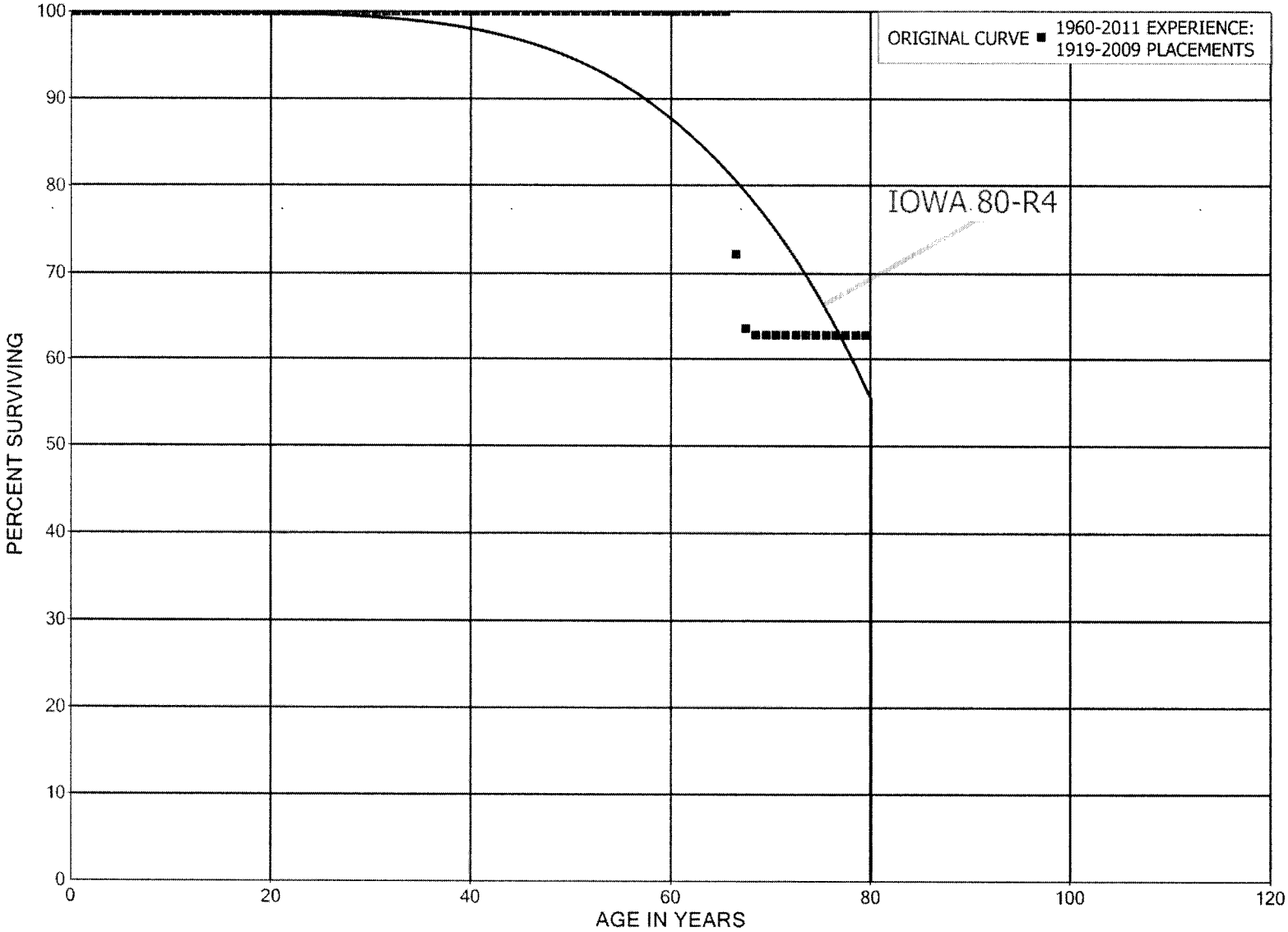
ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 119,708 | 99 | 0.0008 | 0.9992 | 12.44 |
| 80.5 | 119,546 | 1,403 | 0.0117 | 0.9883 | 12.43 |
| 81.5 | 117,932 | | 0.0000 | 1.0000 | 12.28 |
| 82.5 | 116,693 | 11,822 | 0.1013 | 0.8987 | 12.28 |
| 83.5 | 104,871 | 9,682 | 0.0923 | 0.9077 | 11.04 |
| 84.5 | 95,189 | 30,761 | 0.3232 | 0.6768 | 10.02 |
| 85.5 | 64,428 | 63,933 | 0.9923 | 0.0077 | 6.78 |
| 86.5 | 495 | | 0.0000 | 1.0000 | 0.05 |
| 87.5 | 495 | 495 | 1.0000 | | 0.05 |
| 88.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 336 ROADS, RAILROADS AND BRIDGES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2009 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 19,866,144 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 19,866,144 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 19,866,144 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 19,808,614 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 19,808,739 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 19,891,392 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 19,936,961 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 19,936,961 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 19,963,322 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 19,963,322 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 19,972,000 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 19,974,830 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 19,958,277 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 19,958,277 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 19,958,277 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 19,958,277 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 19,958,277 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 19,862,002 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 20,053,852 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 20,112,794 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 20,112,794 | | 0.0000 | 1.0000 | 100.00 |
| 20.5 | 2,243,095 | 1,289 | 0.0006 | 0.9994 | 100.00 |
| 21.5 | 2,233,309 | | 0.0000 | 1.0000 | 99.94 |
| 22.5 | 2,233,309 | | 0.0000 | 1.0000 | 99.94 |
| 23.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 24.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 25.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 26.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 27.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 28.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 29.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 30.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 31.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 32.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 33.5 | 1,599,673 | | 0.0000 | 1.0000 | 99.94 |
| 34.5 | 1,595,015 | | 0.0000 | 1.0000 | 99.94 |
| 35.5 | 1,595,015 | | 0.0000 | 1.0000 | 99.94 |
| 36.5 | 1,516,286 | | 0.0000 | 1.0000 | 99.94 |
| 37.5 | 1,516,286 | | 0.0000 | 1.0000 | 99.94 |
| 38.5 | 1,101,696 | | 0.0000 | 1.0000 | 99.94 |

DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2009 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,101,696 | | 0.0000 | 1.0000 | 99.94 |
| 40.5 | 1,195,976 | | 0.0000 | 1.0000 | 99.94 |
| 41.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 42.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 43.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 44.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 45.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 46.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 47.5 | 1,193,532 | | 0.0000 | 1.0000 | 99.94 |
| 48.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 49.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 50.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 51.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 52.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 53.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 54.5 | 511,288 | | 0.0000 | 1.0000 | 99.94 |
| 55.5 | 511,163 | | 0.0000 | 1.0000 | 99.94 |
| 56.5 | 428,510 | | 0.0000 | 1.0000 | 99.94 |
| 57.5 | 382,941 | | 0.0000 | 1.0000 | 99.94 |
| 58.5 | 382,941 | | 0.0000 | 1.0000 | 99.94 |
| 59.5 | 356,580 | | 0.0000 | 1.0000 | 99.94 |
| 60.5 | 356,580 | | 0.0000 | 1.0000 | 99.94 |
| 61.5 | 347,902 | | 0.0000 | 1.0000 | 99.94 |
| 62.5 | 345,072 | | 0.0000 | 1.0000 | 99.94 |
| 63.5 | 345,072 | | 0.0000 | 1.0000 | 99.94 |
| 64.5 | 345,072 | | 0.0000 | 1.0000 | 99.94 |
| 65.5 | 345,072 | 95,925 | 0.2780 | 0.7220 | 99.94 |
| 66.5 | 249,147 | 29,471 | 0.1183 | 0.8817 | 72.16 |
| 67.5 | 219,676 | 2,773 | 0.0126 | 0.9874 | 63.62 |
| 68.5 | 216,903 | | 0.0000 | 1.0000 | 62.82 |
| 69.5 | 123,751 | | 0.0000 | 1.0000 | 62.82 |
| 70.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 71.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 72.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 73.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 74.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 75.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 76.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 77.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 78.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |

DUKE ENERGY CAROLINAS

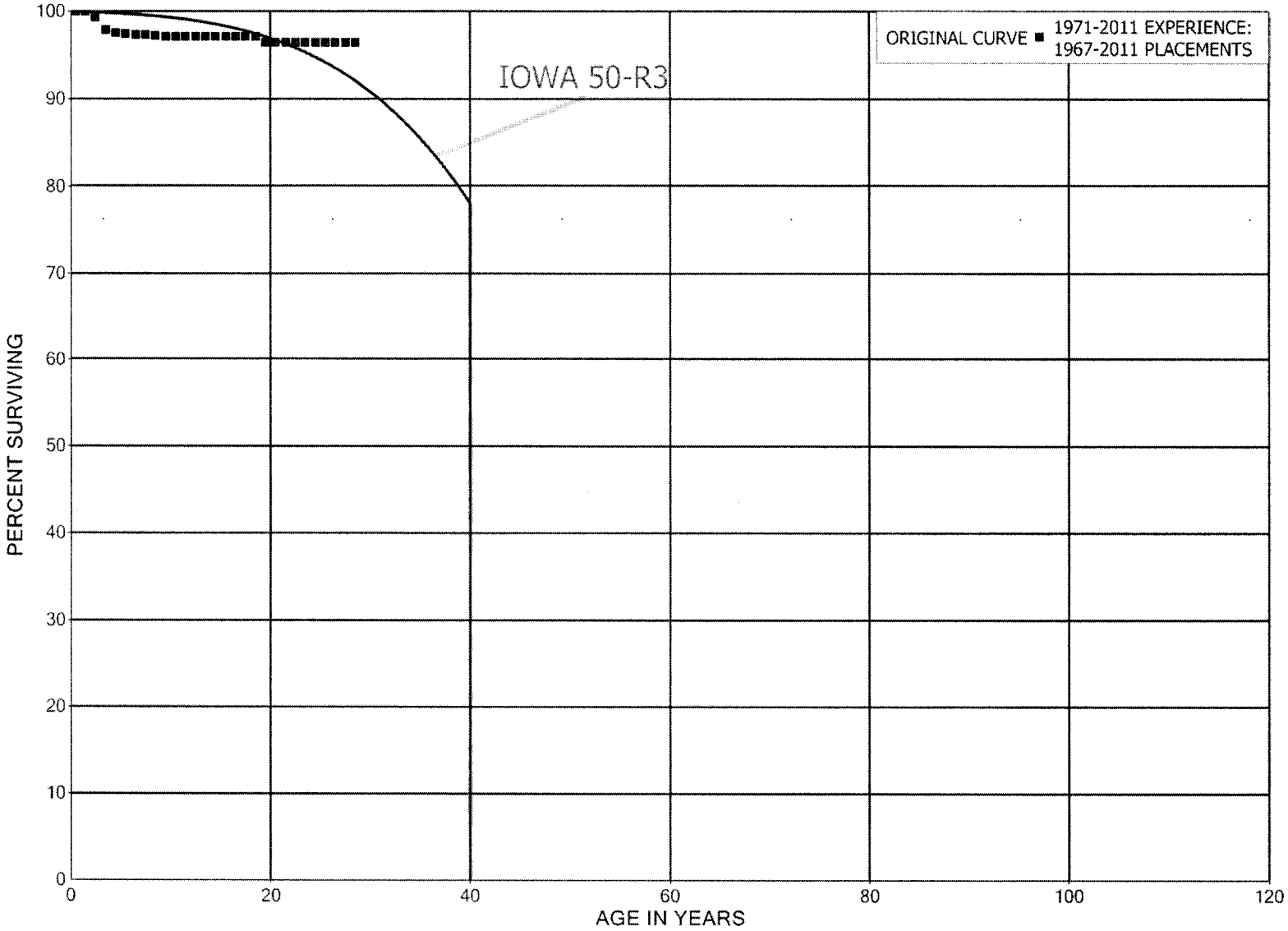
ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2009 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 80.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 81.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 82.5 | 94,280 | | 0.0000 | 1.0000 | 62.82 |
| 83.5 | 94,280 | 9,881 | 0.1048 | 0.8952 | 62.82 |
| 84.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 85.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 86.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 87.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 88.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 89.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 90.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 91.5 | 84,399 | | 0.0000 | 1.0000 | 56.24 |
| 92.5 | | | | | 56.24 |

DUKE ENERGY CAROLINAS
ACCOUNT 341 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

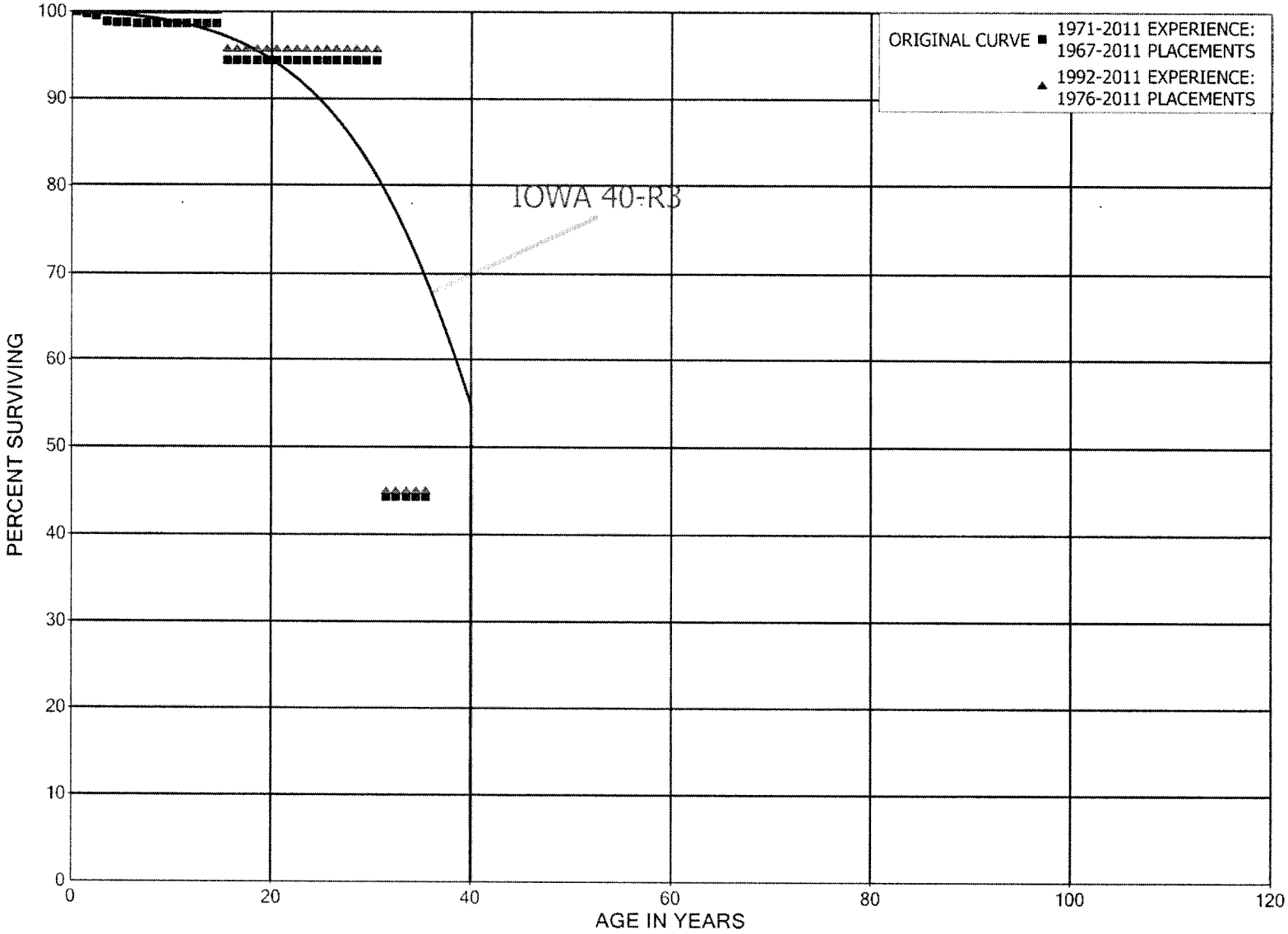
ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2011 EXPERIENCE BAND 1971-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 60,803,305 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 60,490,316 | 5,922 | 0.0001 | 0.9999 | 100.00 |
| 1.5 | 60,261,568 | 430,633 | 0.0071 | 0.9929 | 99.99 |
| 2.5 | 60,281,729 | 848,697 | 0.0141 | 0.9859 | 99.28 |
| 3.5 | 58,499,912 | 217,436 | 0.0037 | 0.9963 | 97.88 |
| 4.5 | 58,172,020 | 81,587 | 0.0014 | 0.9986 | 97.51 |
| 5.5 | 58,080,113 | 46,715 | 0.0008 | 0.9992 | 97.38 |
| 6.5 | 58,033,398 | | 0.0000 | 1.0000 | 97.30 |
| 7.5 | 57,933,898 | 44,829 | 0.0008 | 0.9992 | 97.30 |
| 8.5 | 55,217,280 | 84,115 | 0.0015 | 0.9985 | 97.22 |
| 9.5 | 28,873,810 | | 0.0000 | 1.0000 | 97.08 |
| 10.5 | 28,873,810 | | 0.0000 | 1.0000 | 97.08 |
| 11.5 | 28,565,014 | | 0.0000 | 1.0000 | 97.08 |
| 12.5 | 27,948,541 | | 0.0000 | 1.0000 | 97.08 |
| 13.5 | 27,853,740 | | 0.0000 | 1.0000 | 97.08 |
| 14.5 | 27,853,740 | 14,214 | 0.0005 | 0.9995 | 97.08 |
| 15.5 | 27,814,611 | | 0.0000 | 1.0000 | 97.03 |
| 16.5 | 1,449,720 | | 0.0000 | 1.0000 | 97.03 |
| 17.5 | 1,390,392 | | 0.0000 | 1.0000 | 97.03 |
| 18.5 | 1,194,766 | 7,102 | 0.0059 | 0.9941 | 97.03 |
| 19.5 | 1,006,940 | | 0.0000 | 1.0000 | 96.45 |
| 20.5 | 43,124 | | 0.0000 | 1.0000 | 96.45 |
| 21.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 22.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 23.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 24.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 25.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 26.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 27.5 | 37,965 | | 0.0000 | 1.0000 | 96.45 |
| 28.5 | | | | | 96.45 |

DUKE ENERGY CAROLINAS
ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2011 EXPERIENCE BAND 1971-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 72,797,012 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 30,485,858 | 89,138 | 0.0029 | 0.9971 | 100.00 |
| 1.5 | 30,391,744 | 47,717 | 0.0016 | 0.9984 | 99.71 |
| 2.5 | 30,574,522 | 230,495 | 0.0075 | 0.9925 | 99.55 |
| 3.5 | 30,381,740 | 37,713 | 0.0012 | 0.9988 | 98.80 |
| 4.5 | 30,344,027 | 2,228 | 0.0001 | 0.9999 | 98.68 |
| 5.5 | 30,341,799 | 2,227 | 0.0001 | 0.9999 | 98.67 |
| 6.5 | 30,339,572 | | 0.0000 | 1.0000 | 98.66 |
| 7.5 | 30,339,572 | | 0.0000 | 1.0000 | 98.66 |
| 8.5 | 25,198,378 | | 0.0000 | 1.0000 | 98.66 |
| 9.5 | 15,316,341 | | 0.0000 | 1.0000 | 98.66 |
| 10.5 | 15,316,341 | | 0.0000 | 1.0000 | 98.66 |
| 11.5 | 15,316,341 | | 0.0000 | 1.0000 | 98.66 |
| 12.5 | 15,316,341 | | 0.0000 | 1.0000 | 98.66 |
| 13.5 | 15,316,341 | | 0.0000 | 1.0000 | 98.66 |
| 14.5 | 15,316,341 | 670,087 | 0.0437 | 0.9563 | 98.66 |
| 15.5 | 14,586,215 | | 0.0000 | 1.0000 | 94.35 |
| 16.5 | 2,061,598 | | 0.0000 | 1.0000 | 94.35 |
| 17.5 | 1,364,016 | | 0.0000 | 1.0000 | 94.35 |
| 18.5 | 1,075,725 | | 0.0000 | 1.0000 | 94.35 |
| 19.5 | 230,658 | | 0.0000 | 1.0000 | 94.35 |
| 20.5 | 230,658 | | 0.0000 | 1.0000 | 94.35 |
| 21.5 | 230,658 | | 0.0000 | 1.0000 | 94.35 |
| 22.5 | 230,658 | | 0.0000 | 1.0000 | 94.35 |
| 23.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 24.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 25.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 26.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 27.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 28.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 29.5 | 15,074 | | 0.0000 | 1.0000 | 94.35 |
| 30.5 | 15,074 | 8,000 | 0.5307 | 0.4693 | 94.35 |
| 31.5 | 7,074 | | 0.0000 | 1.0000 | 44.28 |
| 32.5 | 7,074 | | 0.0000 | 1.0000 | 44.28 |
| 33.5 | 7,074 | | 0.0000 | 1.0000 | 44.28 |
| 34.5 | 7,074 | | 0.0000 | 1.0000 | 44.28 |
| 35.5 | | | | | 44.28 |

DUKE ENERGY CAROLINAS

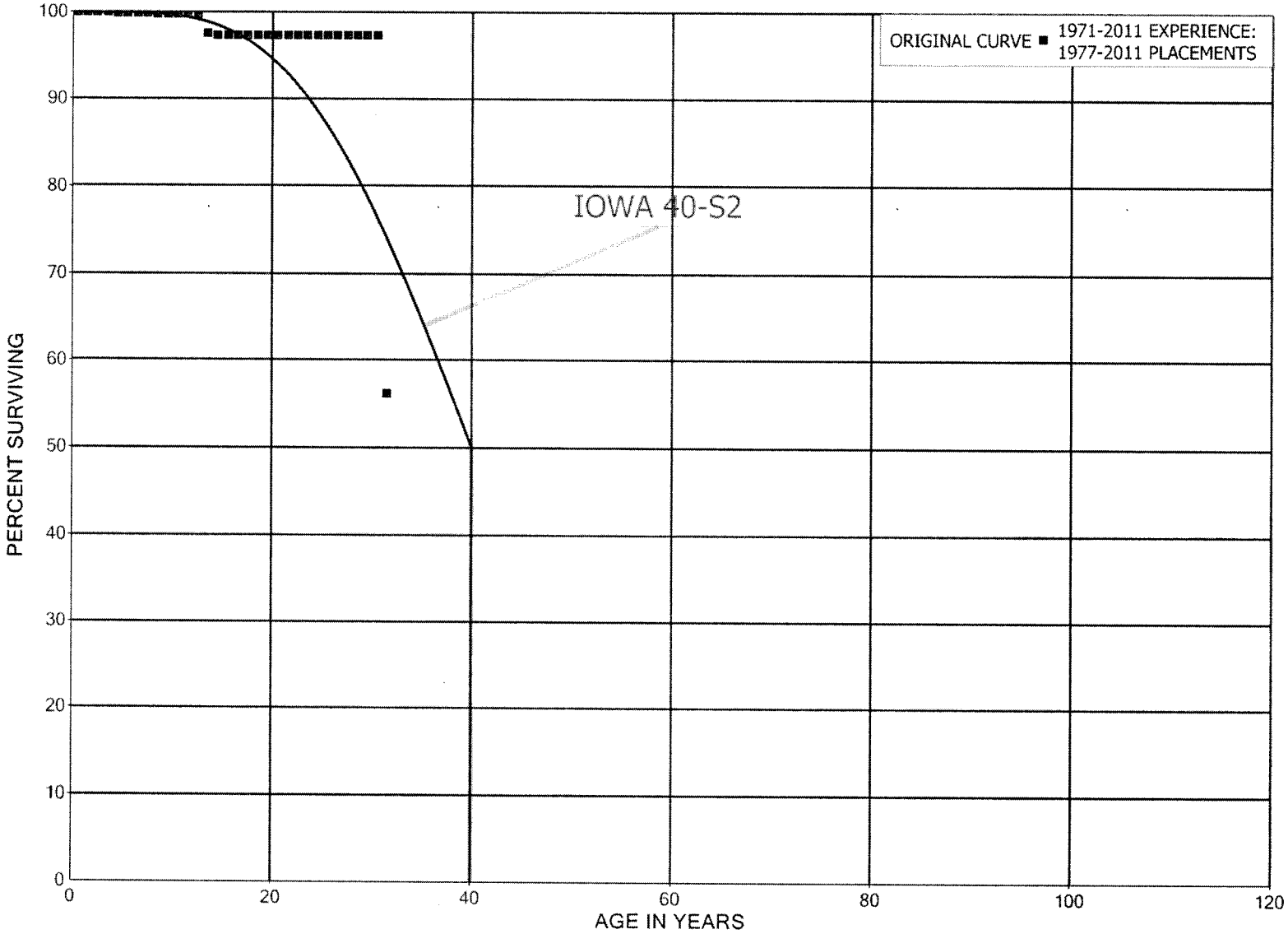
ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1976-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 72,566,354 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 30,161,607 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 30,108,914 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 30,108,914 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 30,324,498 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 30,324,498 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 30,324,498 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 30,324,498 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 30,324,498 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 25,183,304 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 15,301,267 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 15,301,267 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 15,301,267 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 15,301,267 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 15,301,267 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 15,309,267 | 670,087 | 0.0438 | 0.9562 | 100.00 |
| 15.5 | 14,586,215 | | 0.0000 | 1.0000 | 95.62 |
| 16.5 | 2,061,598 | | 0.0000 | 1.0000 | 95.62 |
| 17.5 | 1,364,016 | | 0.0000 | 1.0000 | 95.62 |
| 18.5 | 1,075,725 | | 0.0000 | 1.0000 | 95.62 |
| 19.5 | 230,658 | | 0.0000 | 1.0000 | 95.62 |
| 20.5 | 230,658 | | 0.0000 | 1.0000 | 95.62 |
| 21.5 | 230,658 | | 0.0000 | 1.0000 | 95.62 |
| 22.5 | 230,658 | | 0.0000 | 1.0000 | 95.62 |
| 23.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 24.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 25.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 26.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 27.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 28.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 29.5 | 15,074 | | 0.0000 | 1.0000 | 95.62 |
| 30.5 | 15,074 | 8,000 | 0.5307 | 0.4693 | 95.62 |
| 31.5 | 7,074 | | 0.0000 | 1.0000 | 44.87 |
| 32.5 | 7,074 | | 0.0000 | 1.0000 | 44.87 |
| 33.5 | 7,074 | | 0.0000 | 1.0000 | 44.87 |
| 34.5 | 7,074 | | 0.0000 | 1.0000 | 44.87 |
| 35.5 | | | | | 44.87 |

DUKE ENERGY CAROLINAS
ACCOUNT 343 PRIME MOVERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

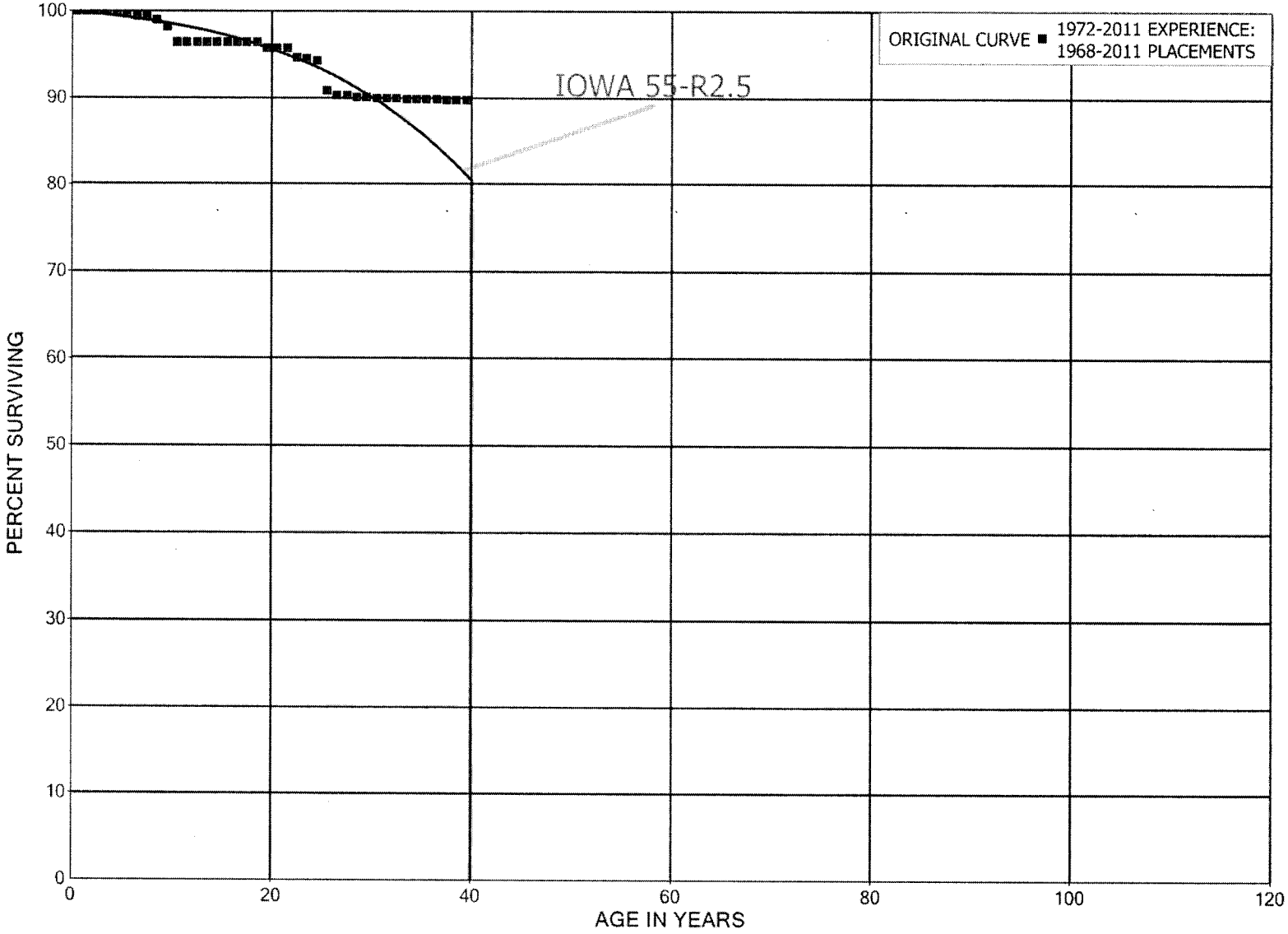
ACCOUNT 343 PRIME MOVERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1977-2011 EXPERIENCE BAND 1971-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,058,512,330 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 519,187,277 | 178,577 | 0.0003 | 0.9997 | 100.00 |
| 1.5 | 498,536,891 | | 0.0000 | 1.0000 | 99.97 |
| 2.5 | 497,353,808 | | 0.0000 | 1.0000 | 99.97 |
| 3.5 | 490,306,504 | 597,868 | 0.0012 | 0.9988 | 99.97 |
| 4.5 | 428,562,370 | | 0.0000 | 1.0000 | 99.84 |
| 5.5 | 428,562,370 | 88,854 | 0.0002 | 0.9998 | 99.84 |
| 6.5 | 428,473,516 | | 0.0000 | 1.0000 | 99.82 |
| 7.5 | 428,473,516 | 303,883 | 0.0007 | 0.9993 | 99.82 |
| 8.5 | 336,840,952 | 42,494 | 0.0001 | 0.9999 | 99.75 |
| 9.5 | 239,312,618 | | 0.0000 | 1.0000 | 99.74 |
| 10.5 | 238,260,875 | | 0.0000 | 1.0000 | 99.74 |
| 11.5 | 238,201,926 | | 0.0000 | 1.0000 | 99.74 |
| 12.5 | 238,172,331 | 5,313,322 | 0.0223 | 0.9777 | 99.74 |
| 13.5 | 232,848,588 | 580,454 | 0.0025 | 0.9975 | 97.51 |
| 14.5 | 232,251,583 | | 0.0000 | 1.0000 | 97.27 |
| 15.5 | 178,066,585 | | 0.0000 | 1.0000 | 97.27 |
| 16.5 | 2,931,507 | | 0.0000 | 1.0000 | 97.27 |
| 17.5 | 2,002,698 | | 0.0000 | 1.0000 | 97.27 |
| 18.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 19.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 20.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 21.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 22.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 23.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 24.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 25.5 | 558,693 | | 0.0000 | 1.0000 | 97.27 |
| 26.5 | 556,333 | | 0.0000 | 1.0000 | 97.27 |
| 27.5 | 556,280 | | 0.0000 | 1.0000 | 97.27 |
| 28.5 | 556,280 | | 0.0000 | 1.0000 | 97.27 |
| 29.5 | 556,280 | | 0.0000 | 1.0000 | 97.27 |
| 30.5 | 556,280 | 234,882 | 0.4222 | 0.5778 | 97.27 |
| 31.5 | | | | | 56.20 |

DUKE ENERGY CAROLINAS
ACCOUNT 344 GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2011 EXPERIENCE BAND 1972-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 403,672,533 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 337,772,872 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 336,820,277 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 336,617,956 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 336,024,362 | 239,905 | 0.0007 | 0.9993 | 100.00 |
| 4.5 | 335,784,456 | 1,024,389 | 0.0031 | 0.9969 | 99.93 |
| 5.5 | 334,719,078 | 784,484 | 0.0023 | 0.9977 | 99.62 |
| 6.5 | 333,161,491 | | 0.0000 | 1.0000 | 99.39 |
| 7.5 | 330,992,566 | 1,397,437 | 0.0042 | 0.9958 | 99.39 |
| 8.5 | 329,500,119 | 2,678,372 | 0.0081 | 0.9919 | 98.97 |
| 9.5 | 347,039,451 | 6,370,402 | 0.0184 | 0.9816 | 98.17 |
| 10.5 | 352,643,046 | | 0.0000 | 1.0000 | 96.36 |
| 11.5 | 128,659,774 | | 0.0000 | 1.0000 | 96.36 |
| 12.5 | 142,843,023 | | 0.0000 | 1.0000 | 96.36 |
| 13.5 | 142,843,023 | | 0.0000 | 1.0000 | 96.36 |
| 14.5 | 142,843,023 | | 0.0000 | 1.0000 | 96.36 |
| 15.5 | 124,093,482 | | 0.0000 | 1.0000 | 96.36 |
| 16.5 | 65,773,565 | | 0.0000 | 1.0000 | 96.36 |
| 17.5 | 65,773,565 | | 0.0000 | 1.0000 | 96.36 |
| 18.5 | 65,699,572 | 451,703 | 0.0069 | 0.9931 | 96.36 |
| 19.5 | 65,247,869 | | 0.0000 | 1.0000 | 95.70 |
| 20.5 | 64,715,533 | | 0.0000 | 1.0000 | 95.70 |
| 21.5 | 64,715,533 | 769,500 | 0.0119 | 0.9881 | 95.70 |
| 22.5 | 63,395,441 | 69,655 | 0.0011 | 0.9989 | 94.56 |
| 23.5 | 62,865,131 | 129,989 | 0.0021 | 0.9979 | 94.46 |
| 24.5 | 62,690,390 | 2,277,988 | 0.0363 | 0.9637 | 94.26 |
| 25.5 | 60,359,449 | 341,253 | 0.0057 | 0.9943 | 90.84 |
| 26.5 | 60,017,187 | 23,430 | 0.0004 | 0.9996 | 90.33 |
| 27.5 | 59,993,757 | 185,104 | 0.0031 | 0.9969 | 90.29 |
| 28.5 | 59,808,653 | | 0.0000 | 1.0000 | 90.01 |
| 29.5 | 59,808,653 | 10,450 | 0.0002 | 0.9998 | 90.01 |
| 30.5 | 59,798,203 | 26,254 | 0.0004 | 0.9996 | 90.00 |
| 31.5 | 59,771,949 | 13,414 | 0.0002 | 0.9998 | 89.96 |
| 32.5 | 59,758,535 | 82,009 | 0.0014 | 0.9986 | 89.94 |
| 33.5 | 59,676,526 | | 0.0000 | 1.0000 | 89.81 |
| 34.5 | 59,676,526 | 12,883 | 0.0002 | 0.9998 | 89.81 |
| 35.5 | 59,663,643 | 4,554 | 0.0001 | 0.9999 | 89.79 |
| 36.5 | 59,255,988 | 5,003 | 0.0001 | 0.9999 | 89.79 |
| 37.5 | 59,250,985 | | 0.0000 | 1.0000 | 89.78 |
| 38.5 | 59,250,985 | | 0.0000 | 1.0000 | 89.78 |

DUKE ENERGY CAROLINAS

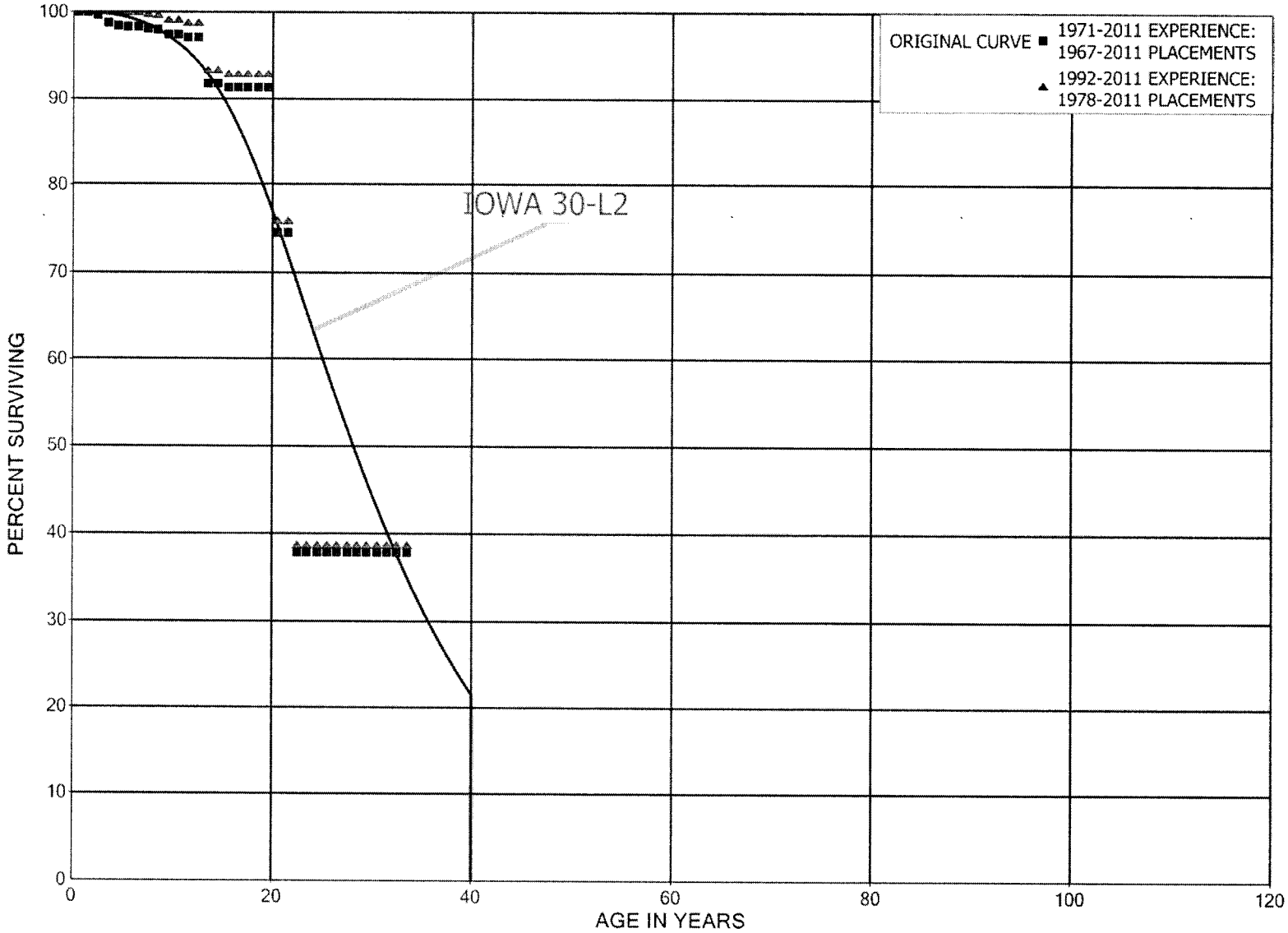
ACCOUNT 344 GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2011 EXPERIENCE BAND 1972-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 57,655,785 | 7,933,138 | 0.1376 | 0.8624 | 89.78 |
| 40.5 | 30,162,631 | | 0.0000 | 1.0000 | 77.43 |
| 41.5 | 18,369,938 | | 0.0000 | 1.0000 | 77.43 |
| 42.5 | 5,638,762 | | 0.0000 | 1.0000 | 77.43 |
| 43.5 | | | | | 77.43 |

DUKE ENERGY CAROLINAS
ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2011 EXPERIENCE BAND 1971-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 52,192,055 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 52,156,015 | 1,046 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 52,039,329 | 186,655 | 0.0036 | 0.9964 | 100.00 |
| 2.5 | 52,351,175 | 480,400 | 0.0092 | 0.9908 | 99.64 |
| 3.5 | 49,827,953 | 184,647 | 0.0037 | 0.9963 | 98.72 |
| 4.5 | 48,337,475 | 16,587 | 0.0003 | 0.9997 | 98.36 |
| 5.5 | 41,473,658 | 6,120 | 0.0001 | 0.9999 | 98.33 |
| 6.5 | 41,467,538 | 107,677 | 0.0026 | 0.9974 | 98.31 |
| 7.5 | 41,359,861 | 34,008 | 0.0008 | 0.9992 | 98.06 |
| 8.5 | 39,931,769 | 227,554 | 0.0057 | 0.9943 | 97.97 |
| 9.5 | 26,005,792 | | 0.0000 | 1.0000 | 97.42 |
| 10.5 | 25,873,345 | 106,328 | 0.0041 | 0.9959 | 97.42 |
| 11.5 | 25,767,017 | | 0.0000 | 1.0000 | 97.02 |
| 12.5 | 25,767,017 | 1,418,067 | 0.0550 | 0.9450 | 97.02 |
| 13.5 | 24,348,950 | | 0.0000 | 1.0000 | 91.68 |
| 14.5 | 24,334,343 | 97,623 | 0.0040 | 0.9960 | 91.68 |
| 15.5 | 21,615,944 | | 0.0000 | 1.0000 | 91.31 |
| 16.5 | 1,435,250 | | 0.0000 | 1.0000 | 91.31 |
| 17.5 | 1,305,723 | | 0.0000 | 1.0000 | 91.31 |
| 18.5 | 1,105,075 | | 0.0000 | 1.0000 | 91.31 |
| 19.5 | 598,956 | 110,230 | 0.1840 | 0.8160 | 91.31 |
| 20.5 | 488,726 | | 0.0000 | 1.0000 | 74.51 |
| 21.5 | 488,726 | 240,405 | 0.4919 | 0.5081 | 74.51 |
| 22.5 | 189,828 | | 0.0000 | 1.0000 | 37.86 |
| 23.5 | 114,166 | | 0.0000 | 1.0000 | 37.86 |
| 24.5 | 89,932 | | 0.0000 | 1.0000 | 37.86 |
| 25.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 26.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 27.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 28.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 29.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 30.5 | 46,437 | | 0.0000 | 1.0000 | 37.86 |
| 31.5 | 572 | | 0.0000 | 1.0000 | 37.86 |
| 32.5 | 572 | | 0.0000 | 1.0000 | 37.86 |
| 33.5 | | | | | 37.86 |

DUKE ENERGY CAROLINAS

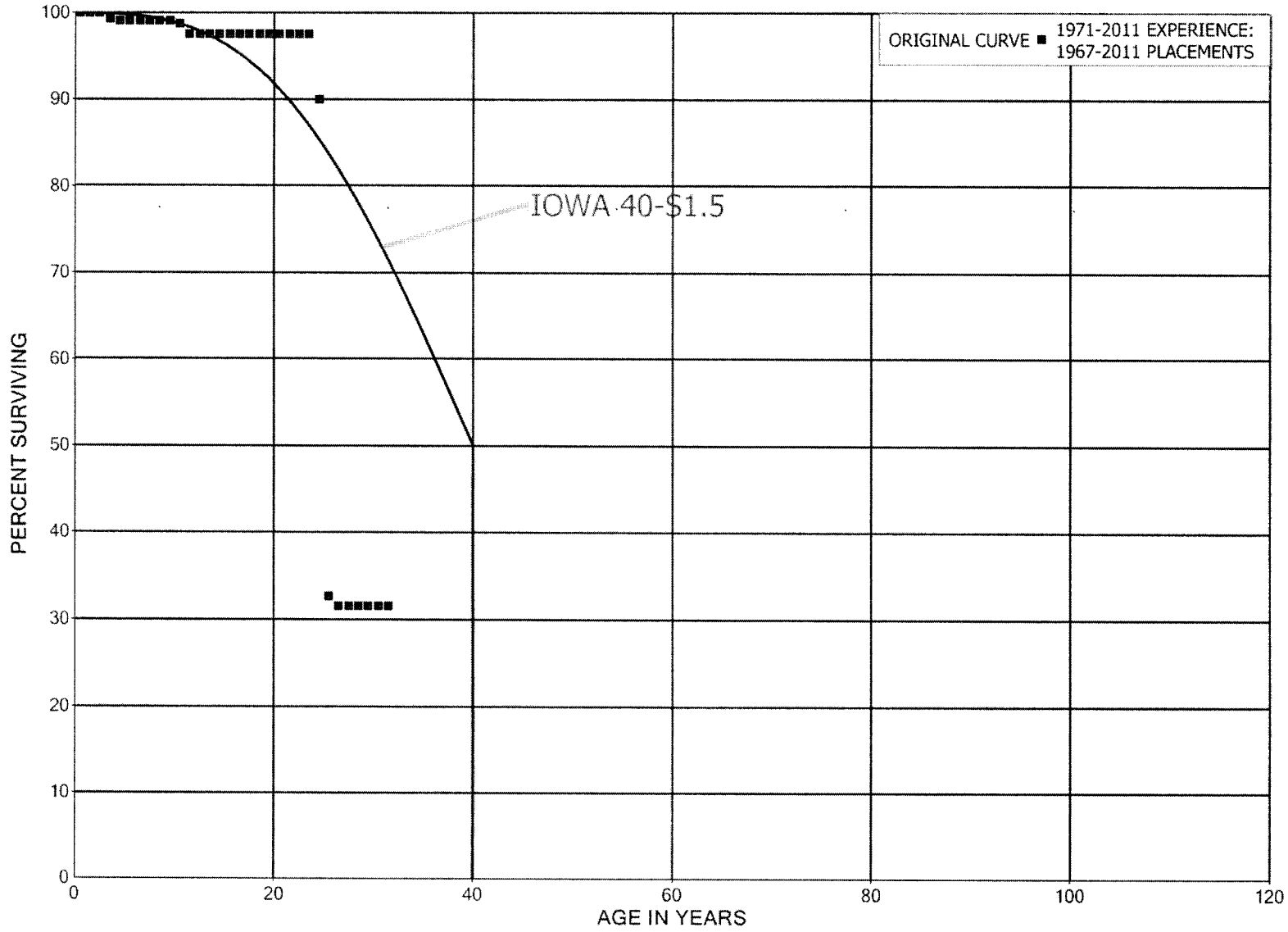
ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1978-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 51,588,044 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 51,537,187 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 51,234,892 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 51,311,486 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 49,309,138 | 53,165 | 0.0011 | 0.9989 | 100.00 |
| 4.5 | 47,974,376 | 4,552 | 0.0001 | 0.9999 | 99.89 |
| 5.5 | 41,406,494 | | 0.0000 | 1.0000 | 99.88 |
| 6.5 | 41,406,494 | 107,677 | 0.0026 | 0.9974 | 99.88 |
| 7.5 | 41,298,817 | 34,008 | 0.0008 | 0.9992 | 99.62 |
| 8.5 | 39,870,725 | 227,554 | 0.0057 | 0.9943 | 99.54 |
| 9.5 | 25,944,748 | | 0.0000 | 1.0000 | 98.97 |
| 10.5 | 25,812,301 | 106,328 | 0.0041 | 0.9959 | 98.97 |
| 11.5 | 25,766,445 | | 0.0000 | 1.0000 | 98.57 |
| 12.5 | 25,766,445 | 1,418,067 | 0.0550 | 0.9450 | 98.57 |
| 13.5 | 24,348,950 | | 0.0000 | 1.0000 | 93.14 |
| 14.5 | 24,334,343 | 97,623 | 0.0040 | 0.9960 | 93.14 |
| 15.5 | 21,615,944 | | 0.0000 | 1.0000 | 92.77 |
| 16.5 | 1,435,250 | | 0.0000 | 1.0000 | 92.77 |
| 17.5 | 1,305,723 | | 0.0000 | 1.0000 | 92.77 |
| 18.5 | 1,105,075 | | 0.0000 | 1.0000 | 92.77 |
| 19.5 | 598,956 | 110,230 | 0.1840 | 0.8160 | 92.77 |
| 20.5 | 488,726 | | 0.0000 | 1.0000 | 75.69 |
| 21.5 | 488,726 | 240,405 | 0.4919 | 0.5081 | 75.69 |
| 22.5 | 189,828 | | 0.0000 | 1.0000 | 38.46 |
| 23.5 | 114,166 | | 0.0000 | 1.0000 | 38.46 |
| 24.5 | 89,932 | | 0.0000 | 1.0000 | 38.46 |
| 25.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 26.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 27.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 28.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 29.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 30.5 | 46,437 | | 0.0000 | 1.0000 | 38.46 |
| 31.5 | 572 | | 0.0000 | 1.0000 | 38.46 |
| 32.5 | 572 | | 0.0000 | 1.0000 | 38.46 |
| 33.5 | | | | | 38.46 |

DUKE ENERGY CAROLINAS
ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

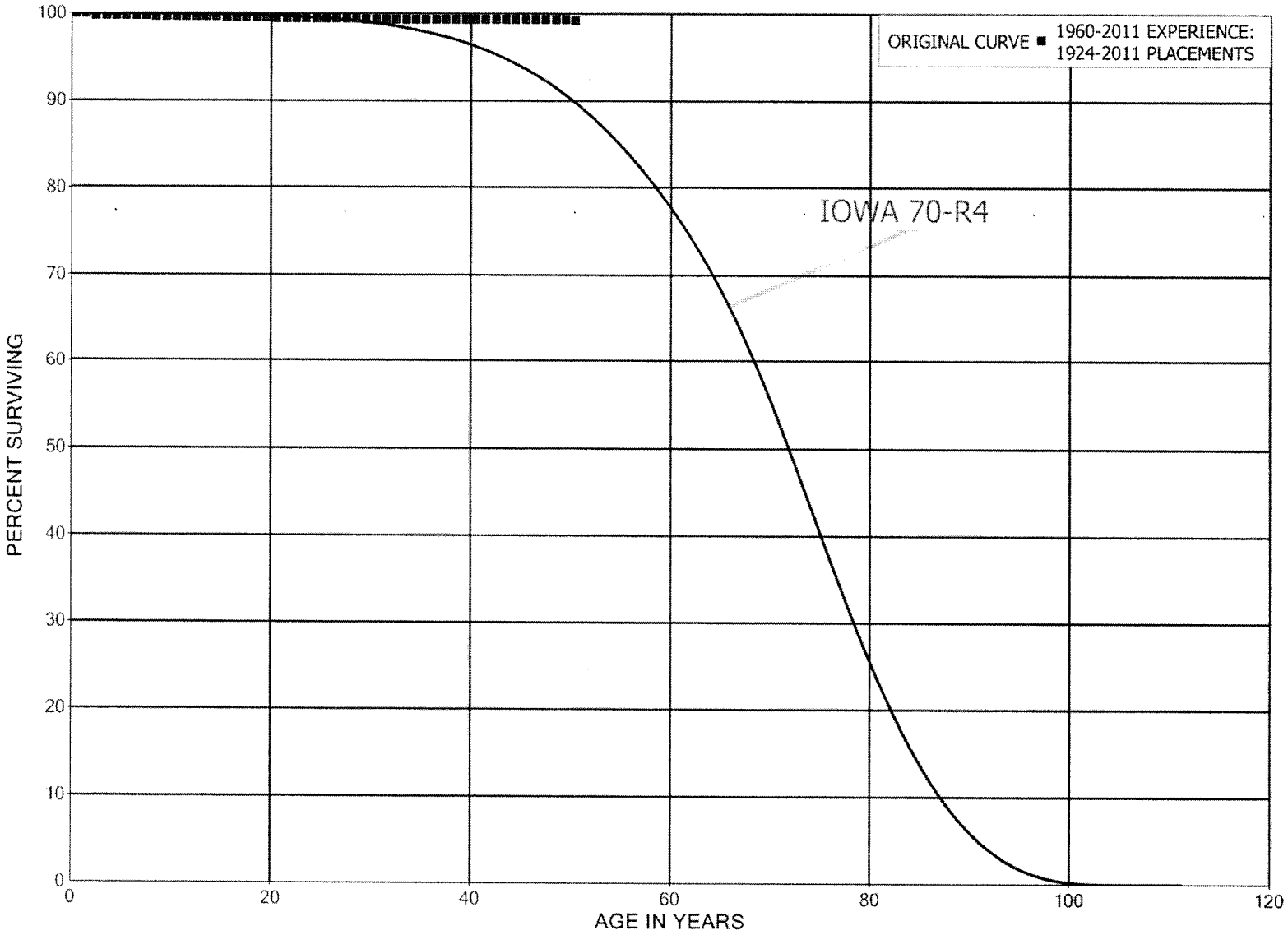
ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2011 EXPERIENCE BAND 1971-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 7,492,610 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 6,447,075 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 6,224,445 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 5,837,384 | 40,636 | 0.0070 | 0.9930 | 100.00 |
| 3.5 | 5,810,611 | 11,842 | 0.0020 | 0.9980 | 99.30 |
| 4.5 | 5,501,561 | 2,097 | 0.0004 | 0.9996 | 99.10 |
| 5.5 | 5,360,797 | | 0.0000 | 1.0000 | 99.06 |
| 6.5 | 5,251,246 | 225 | 0.0000 | 1.0000 | 99.06 |
| 7.5 | 5,208,992 | | 0.0000 | 1.0000 | 99.06 |
| 8.5 | 4,933,822 | | 0.0000 | 1.0000 | 99.06 |
| 9.5 | 2,728,249 | 8,248 | 0.0030 | 0.9970 | 99.06 |
| 10.5 | 2,702,483 | 34,179 | 0.0126 | 0.9874 | 98.76 |
| 11.5 | 2,612,431 | | 0.0000 | 1.0000 | 97.51 |
| 12.5 | 2,579,613 | | 0.0000 | 1.0000 | 97.51 |
| 13.5 | 2,534,754 | | 0.0000 | 1.0000 | 97.51 |
| 14.5 | 2,526,117 | | 0.0000 | 1.0000 | 97.51 |
| 15.5 | 2,526,232 | | 0.0000 | 1.0000 | 97.51 |
| 16.5 | 492,271 | | 0.0000 | 1.0000 | 97.51 |
| 17.5 | 477,404 | | 0.0000 | 1.0000 | 97.51 |
| 18.5 | 441,666 | | 0.0000 | 1.0000 | 97.51 |
| 19.5 | 391,969 | | 0.0000 | 1.0000 | 97.51 |
| 20.5 | 257,877 | | 0.0000 | 1.0000 | 97.51 |
| 21.5 | 261,683 | | 0.0000 | 1.0000 | 97.51 |
| 22.5 | 254,525 | | 0.0000 | 1.0000 | 97.51 |
| 23.5 | 246,627 | 19,252 | 0.0781 | 0.9219 | 97.51 |
| 24.5 | 201,565 | 128,498 | 0.6375 | 0.3625 | 89.90 |
| 25.5 | 56,546 | 1,810 | 0.0320 | 0.9680 | 32.59 |
| 26.5 | 51,733 | | 0.0000 | 1.0000 | 31.55 |
| 27.5 | 17,651 | | 0.0000 | 1.0000 | 31.55 |
| 28.5 | 5,192 | | 0.0000 | 1.0000 | 31.55 |
| 29.5 | 5,192 | | 0.0000 | 1.0000 | 31.55 |
| 30.5 | 1,144 | | 0.0000 | 1.0000 | 31.55 |
| 31.5 | | | | | 31.55 |

DUKE ENERGY CAROLINAS
ACCOUNT 350 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 350 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 149,697,621 | 75,060 | 0.0005 | 0.9995 | 100.00 |
| 0.5 | 145,554,759 | 152 | 0.0000 | 1.0000 | 99.95 |
| 1.5 | 142,374,986 | 351,115 | 0.0025 | 0.9975 | 99.95 |
| 2.5 | 139,137,484 | 948 | 0.0000 | 1.0000 | 99.70 |
| 3.5 | 132,450,284 | | 0.0000 | 1.0000 | 99.70 |
| 4.5 | 129,877,808 | 11,302 | 0.0001 | 0.9999 | 99.70 |
| 5.5 | 127,986,164 | 14,492 | 0.0001 | 0.9999 | 99.69 |
| 6.5 | 124,773,679 | 14,732 | 0.0001 | 0.9999 | 99.68 |
| 7.5 | 122,743,770 | 7,478 | 0.0001 | 0.9999 | 99.67 |
| 8.5 | 121,886,232 | 7,482 | 0.0001 | 0.9999 | 99.66 |
| 9.5 | 121,773,125 | 75,979 | 0.0006 | 0.9994 | 99.66 |
| 10.5 | 120,007,973 | | 0.0000 | 1.0000 | 99.60 |
| 11.5 | 117,882,868 | 4,293 | 0.0000 | 1.0000 | 99.60 |
| 12.5 | 117,720,067 | 8,592 | 0.0001 | 0.9999 | 99.59 |
| 13.5 | 116,288,131 | | 0.0000 | 1.0000 | 99.59 |
| 14.5 | 114,666,919 | 100,422 | 0.0009 | 0.9991 | 99.59 |
| 15.5 | 113,004,048 | 2,125 | 0.0000 | 1.0000 | 99.50 |
| 16.5 | 110,054,769 | 3,750 | 0.0000 | 1.0000 | 99.50 |
| 17.5 | 108,434,753 | 50 | 0.0000 | 1.0000 | 99.49 |
| 18.5 | 106,989,586 | | 0.0000 | 1.0000 | 99.49 |
| 19.5 | 104,646,162 | 47,225 | 0.0005 | 0.9995 | 99.49 |
| 20.5 | 103,154,964 | 15,601 | 0.0002 | 0.9998 | 99.45 |
| 21.5 | 94,311,828 | 16,967 | 0.0002 | 0.9998 | 99.43 |
| 22.5 | 91,772,019 | | 0.0000 | 1.0000 | 99.42 |
| 23.5 | 91,128,382 | 8,520 | 0.0001 | 0.9999 | 99.42 |
| 24.5 | 90,077,973 | 250 | 0.0000 | 1.0000 | 99.41 |
| 25.5 | 88,848,468 | 43,996 | 0.0005 | 0.9995 | 99.41 |
| 26.5 | 85,071,685 | 13,204 | 0.0002 | 0.9998 | 99.36 |
| 27.5 | 82,744,711 | | 0.0000 | 1.0000 | 99.34 |
| 28.5 | 79,490,352 | 10,113 | 0.0001 | 0.9999 | 99.34 |
| 29.5 | 74,495,315 | | 0.0000 | 1.0000 | 99.33 |
| 30.5 | 69,644,136 | 13,500 | 0.0002 | 0.9998 | 99.33 |
| 31.5 | 66,630,449 | 2,100 | 0.0000 | 1.0000 | 99.31 |
| 32.5 | 63,768,545 | 9,059 | 0.0001 | 0.9999 | 99.31 |
| 33.5 | 58,702,015 | 7 | 0.0000 | 1.0000 | 99.29 |
| 34.5 | 57,475,445 | | 0.0000 | 1.0000 | 99.29 |
| 35.5 | 53,197,088 | 1,634 | 0.0000 | 1.0000 | 99.29 |
| 36.5 | 46,442,825 | 1,000 | 0.0000 | 1.0000 | 99.29 |
| 37.5 | 38,753,701 | 1,451 | 0.0000 | 1.0000 | 99.29 |
| 38.5 | 35,621,832 | 363 | 0.0000 | 1.0000 | 99.28 |

DUKE ENERGY CAROLINAS

ACCOUNT 350 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 26,328,790 | | 0.0000 | 1.0000 | 99.28 |
| 40.5 | 24,090,602 | | 0.0000 | 1.0000 | 99.28 |
| 41.5 | 21,168,665 | 10 | 0.0000 | 1.0000 | 99.28 |
| 42.5 | 18,885,555 | 6,475 | 0.0003 | 0.9997 | 99.28 |
| 43.5 | 15,571,001 | 8 | 0.0000 | 1.0000 | 99.25 |
| 44.5 | 14,110,851 | 400 | 0.0000 | 1.0000 | 99.25 |
| 45.5 | 12,531,055 | 20 | 0.0000 | 1.0000 | 99.25 |
| 46.5 | 10,925,589 | 28 | 0.0000 | 1.0000 | 99.24 |
| 47.5 | 9,685,143 | | 0.0000 | 1.0000 | 99.24 |
| 48.5 | 8,374,023 | | 0.0000 | 1.0000 | 99.24 |
| 49.5 | 7,833,606 | 6,418 | 0.0008 | 0.9992 | 99.24 |
| 50.5 | 6,848,631 | | 0.0000 | 1.0000 | 99.16 |
| 51.5 | 46,300 | | 0.0000 | 1.0000 | 99.16 |
| 52.5 | 46,345 | | 0.0000 | 1.0000 | 99.16 |
| 53.5 | 51,322 | | 0.0000 | 1.0000 | 99.16 |
| 54.5 | 52,131 | | 0.0000 | 1.0000 | 99.16 |
| 55.5 | 52,115 | | 0.0000 | 1.0000 | 99.16 |
| 56.5 | 51,221 | | 0.0000 | 1.0000 | 99.16 |
| 57.5 | 51,545 | | 0.0000 | 1.0000 | 99.16 |
| 58.5 | 51,555 | | 0.0000 | 1.0000 | 99.16 |
| 59.5 | 50,270 | | 0.0000 | 1.0000 | 99.16 |
| 60.5 | 50,260 | 2,074 | 0.0413 | 0.9587 | 99.16 |
| 61.5 | 50,260 | | 0.0000 | 1.0000 | 95.07 |
| 62.5 | 46,260 | | 0.0000 | 1.0000 | 95.07 |
| 63.5 | 52,760 | | 0.0000 | 1.0000 | 95.07 |
| 64.5 | 52,557 | | 0.0000 | 1.0000 | 95.07 |
| 65.5 | 52,557 | | 0.0000 | 1.0000 | 95.07 |
| 66.5 | 51,832 | | 0.0000 | 1.0000 | 95.07 |
| 67.5 | 50,812 | 23,717 | 0.4668 | 0.5332 | 95.07 |
| 68.5 | 26,948 | | 0.0000 | 1.0000 | 50.70 |
| 69.5 | 23,067 | | 0.0000 | 1.0000 | 50.70 |
| 70.5 | 6,620 | 2 | 0.0003 | 0.9997 | 50.70 |
| 71.5 | 6,620 | | 0.0000 | 1.0000 | 50.68 |
| 72.5 | 6,500 | | 0.0000 | 1.0000 | 50.68 |
| 73.5 | 6,514 | | 0.0000 | 1.0000 | 50.68 |
| 74.5 | 7,177 | | 0.0000 | 1.0000 | 50.68 |
| 75.5 | 12,070 | | 0.0000 | 1.0000 | 50.68 |
| 76.5 | 12,126 | | 0.0000 | 1.0000 | 50.68 |
| 77.5 | 8,586 | | 0.0000 | 1.0000 | 50.68 |
| 78.5 | 7,867 | | 0.0000 | 1.0000 | 50.68 |

DUKE ENERGY CAROLINAS

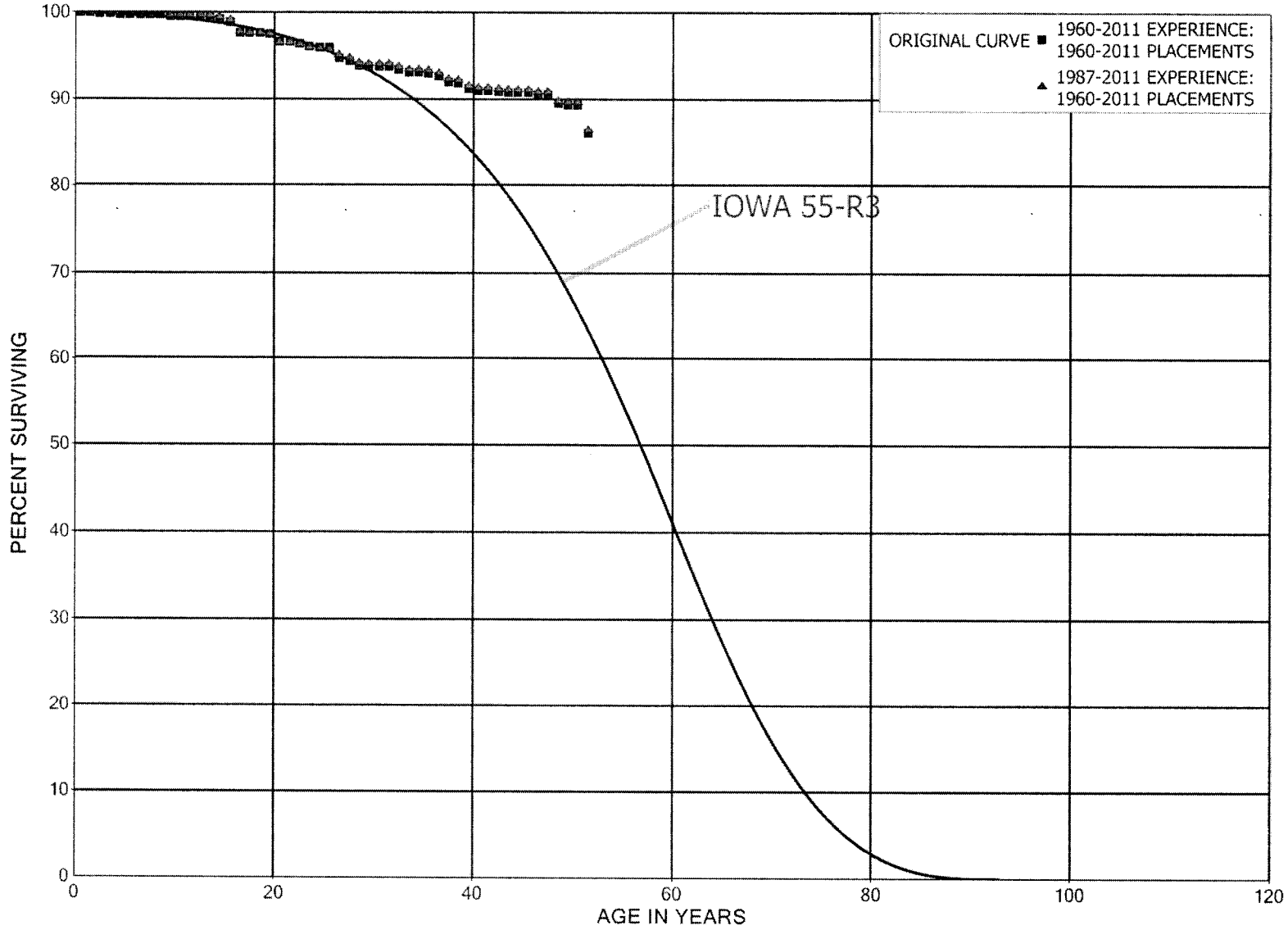
ACCOUNT 350 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 6,500 | | 0.0000 | 1.0000 | 50.68 |
| 80.5 | 6,500 | | 0.0000 | 1.0000 | 50.68 |
| 81.5 | 6,500 | | 0.0000 | 1.0000 | 50.68 |
| 82.5 | | | | | 50.68 |

DUKE ENERGY CAROLINAS
ACCOUNT 352 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 47,618,270 | 10,673 | 0.0002 | 0.9998 | 100.00 |
| 0.5 | 45,817,175 | 3,057 | 0.0001 | 0.9999 | 99.98 |
| 1.5 | 39,481,597 | 67,817 | 0.0017 | 0.9983 | 99.97 |
| 2.5 | 38,862,395 | 2,595 | 0.0001 | 0.9999 | 99.80 |
| 3.5 | 36,411,953 | 12,273 | 0.0003 | 0.9997 | 99.79 |
| 4.5 | 34,228,861 | 17,811 | 0.0005 | 0.9995 | 99.76 |
| 5.5 | 31,580,175 | 149 | 0.0000 | 1.0000 | 99.71 |
| 6.5 | 26,228,590 | 33 | 0.0000 | 1.0000 | 99.71 |
| 7.5 | 28,292,378 | 3,222 | 0.0001 | 0.9999 | 99.71 |
| 8.5 | 27,857,230 | 55,222 | 0.0020 | 0.9980 | 99.70 |
| 9.5 | 25,379,772 | | 0.0000 | 1.0000 | 99.50 |
| 10.5 | 23,468,250 | 1,934 | 0.0001 | 0.9999 | 99.50 |
| 11.5 | 21,543,374 | 8,740 | 0.0004 | 0.9996 | 99.49 |
| 12.5 | 21,422,097 | 28,535 | 0.0013 | 0.9987 | 99.45 |
| 13.5 | 21,090,373 | 30,471 | 0.0014 | 0.9986 | 99.32 |
| 14.5 | 20,426,328 | 62,322 | 0.0031 | 0.9969 | 99.17 |
| 15.5 | 20,145,037 | 244,947 | 0.0122 | 0.9878 | 98.87 |
| 16.5 | 18,491,275 | 8,906 | 0.0005 | 0.9995 | 97.67 |
| 17.5 | 18,300,892 | 6,797 | 0.0004 | 0.9996 | 97.62 |
| 18.5 | 17,099,329 | 17,707 | 0.0010 | 0.9990 | 97.58 |
| 19.5 | 16,799,550 | 149,794 | 0.0089 | 0.9911 | 97.48 |
| 20.5 | 16,168,649 | 2,138 | 0.0001 | 0.9999 | 96.61 |
| 21.5 | 15,177,063 | 32,403 | 0.0021 | 0.9979 | 96.60 |
| 22.5 | 14,387,988 | 41,843 | 0.0029 | 0.9971 | 96.40 |
| 23.5 | 11,436,928 | 12,876 | 0.0011 | 0.9989 | 96.12 |
| 24.5 | 11,416,685 | 12,440 | 0.0011 | 0.9989 | 96.01 |
| 25.5 | 11,143,033 | 133,982 | 0.0120 | 0.9880 | 95.90 |
| 26.5 | 10,843,260 | 35,441 | 0.0033 | 0.9967 | 94.75 |
| 27.5 | 10,011,450 | 58,764 | 0.0059 | 0.9941 | 94.44 |
| 28.5 | 9,444,892 | 14,891 | 0.0016 | 0.9984 | 93.89 |
| 29.5 | 8,825,022 | 5,349 | 0.0006 | 0.9994 | 93.74 |
| 30.5 | 7,927,575 | | 0.0000 | 1.0000 | 93.68 |
| 31.5 | 7,667,047 | 21,564 | 0.0028 | 0.9972 | 93.68 |
| 32.5 | 7,027,508 | 28,376 | 0.0040 | 0.9960 | 93.42 |
| 33.5 | 6,460,581 | | 0.0000 | 1.0000 | 93.04 |
| 34.5 | 5,685,692 | 5,884 | 0.0010 | 0.9990 | 93.04 |
| 35.5 | 5,570,665 | 21,560 | 0.0039 | 0.9961 | 92.94 |
| 36.5 | 4,646,078 | 31,499 | 0.0068 | 0.9932 | 92.58 |
| 37.5 | 4,483,879 | 3,486 | 0.0008 | 0.9992 | 91.96 |
| 38.5 | 3,848,067 | 28,453 | 0.0074 | 0.9926 | 91.88 |

DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 3,345,687 | 7,549 | 0.0023 | 0.9977 | 91.21 |
| 40.5 | 2,949,561 | | 0.0000 | 1.0000 | 91.00 |
| 41.5 | 2,798,279 | 5,961 | 0.0021 | 0.9979 | 91.00 |
| 42.5 | 2,247,379 | 1,000 | 0.0004 | 0.9996 | 90.81 |
| 43.5 | 2,055,459 | 1,609 | 0.0008 | 0.9992 | 90.77 |
| 44.5 | 1,763,185 | | 0.0000 | 1.0000 | 90.69 |
| 45.5 | 1,568,707 | 2,950 | 0.0019 | 0.9981 | 90.69 |
| 46.5 | 1,396,513 | 363 | 0.0003 | 0.9997 | 90.52 |
| 47.5 | 1,343,705 | 15,465 | 0.0115 | 0.9885 | 90.50 |
| 48.5 | 1,126,335 | 2,462 | 0.0022 | 0.9978 | 89.46 |
| 49.5 | 1,059,944 | | 0.0000 | 1.0000 | 89.26 |
| 50.5 | 875,127 | 31,093 | 0.0355 | 0.9645 | 89.26 |
| 51.5 | | | | | 86.09 |

DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 34,300,362 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 32,715,898 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 27,766,106 | 10,358 | 0.0004 | 0.9996 | 100.00 |
| 2.5 | 28,738,831 | 2,595 | 0.0001 | 0.9999 | 99.96 |
| 3.5 | 26,754,308 | | 0.0000 | 1.0000 | 99.95 |
| 4.5 | 25,059,965 | 12,277 | 0.0005 | 0.9995 | 99.95 |
| 5.5 | 23,322,766 | 149 | 0.0000 | 1.0000 | 99.90 |
| 6.5 | 18,239,469 | 33 | 0.0000 | 1.0000 | 99.90 |
| 7.5 | 20,741,649 | 2,552 | 0.0001 | 0.9999 | 99.90 |
| 8.5 | 20,962,164 | 50,999 | 0.0024 | 0.9976 | 99.89 |
| 9.5 | 19,272,268 | | 0.0000 | 1.0000 | 99.65 |
| 10.5 | 17,462,852 | 1,934 | 0.0001 | 0.9999 | 99.65 |
| 11.5 | 16,457,879 | 3,583 | 0.0002 | 0.9998 | 99.64 |
| 12.5 | 16,497,533 | 2,515 | 0.0002 | 0.9998 | 99.62 |
| 13.5 | 16,817,898 | 27,492 | 0.0016 | 0.9984 | 99.60 |
| 14.5 | 16,687,418 | 59,879 | 0.0036 | 0.9964 | 99.44 |
| 15.5 | 16,868,344 | 238,087 | 0.0141 | 0.9859 | 99.08 |
| 16.5 | 15,402,785 | 8,906 | 0.0006 | 0.9994 | 97.68 |
| 17.5 | 15,782,591 | 6,797 | 0.0004 | 0.9996 | 97.63 |
| 18.5 | 14,777,720 | 17,707 | 0.0012 | 0.9988 | 97.58 |
| 19.5 | 14,788,116 | 149,794 | 0.0101 | 0.9899 | 97.47 |
| 20.5 | 14,362,497 | 2,138 | 0.0001 | 0.9999 | 96.48 |
| 21.5 | 13,558,062 | 32,403 | 0.0024 | 0.9976 | 96.47 |
| 22.5 | 12,851,679 | 41,843 | 0.0033 | 0.9967 | 96.23 |
| 23.5 | 10,129,219 | 12,876 | 0.0013 | 0.9987 | 95.92 |
| 24.5 | 10,170,881 | 6,264 | 0.0006 | 0.9994 | 95.80 |
| 25.5 | 10,115,602 | 68,857 | 0.0068 | 0.9932 | 95.74 |
| 26.5 | 10,843,260 | 35,441 | 0.0033 | 0.9967 | 95.09 |
| 27.5 | 10,011,450 | 58,764 | 0.0059 | 0.9941 | 94.78 |
| 28.5 | 9,444,892 | 14,891 | 0.0016 | 0.9984 | 94.22 |
| 29.5 | 8,825,022 | 5,349 | 0.0006 | 0.9994 | 94.07 |
| 30.5 | 7,927,575 | | 0.0000 | 1.0000 | 94.02 |
| 31.5 | 7,667,047 | 21,564 | 0.0028 | 0.9972 | 94.02 |
| 32.5 | 7,027,508 | 28,376 | 0.0040 | 0.9960 | 93.75 |
| 33.5 | 6,460,581 | | 0.0000 | 1.0000 | 93.37 |
| 34.5 | 5,685,692 | 5,884 | 0.0010 | 0.9990 | 93.37 |
| 35.5 | 5,570,665 | 21,560 | 0.0039 | 0.9961 | 93.28 |
| 36.5 | 4,646,078 | 31,499 | 0.0068 | 0.9932 | 92.92 |
| 37.5 | 4,483,879 | 3,486 | 0.0008 | 0.9992 | 92.29 |
| 38.5 | 3,848,067 | 28,453 | 0.0074 | 0.9926 | 92.21 |

DUKE ENERGY CAROLINAS

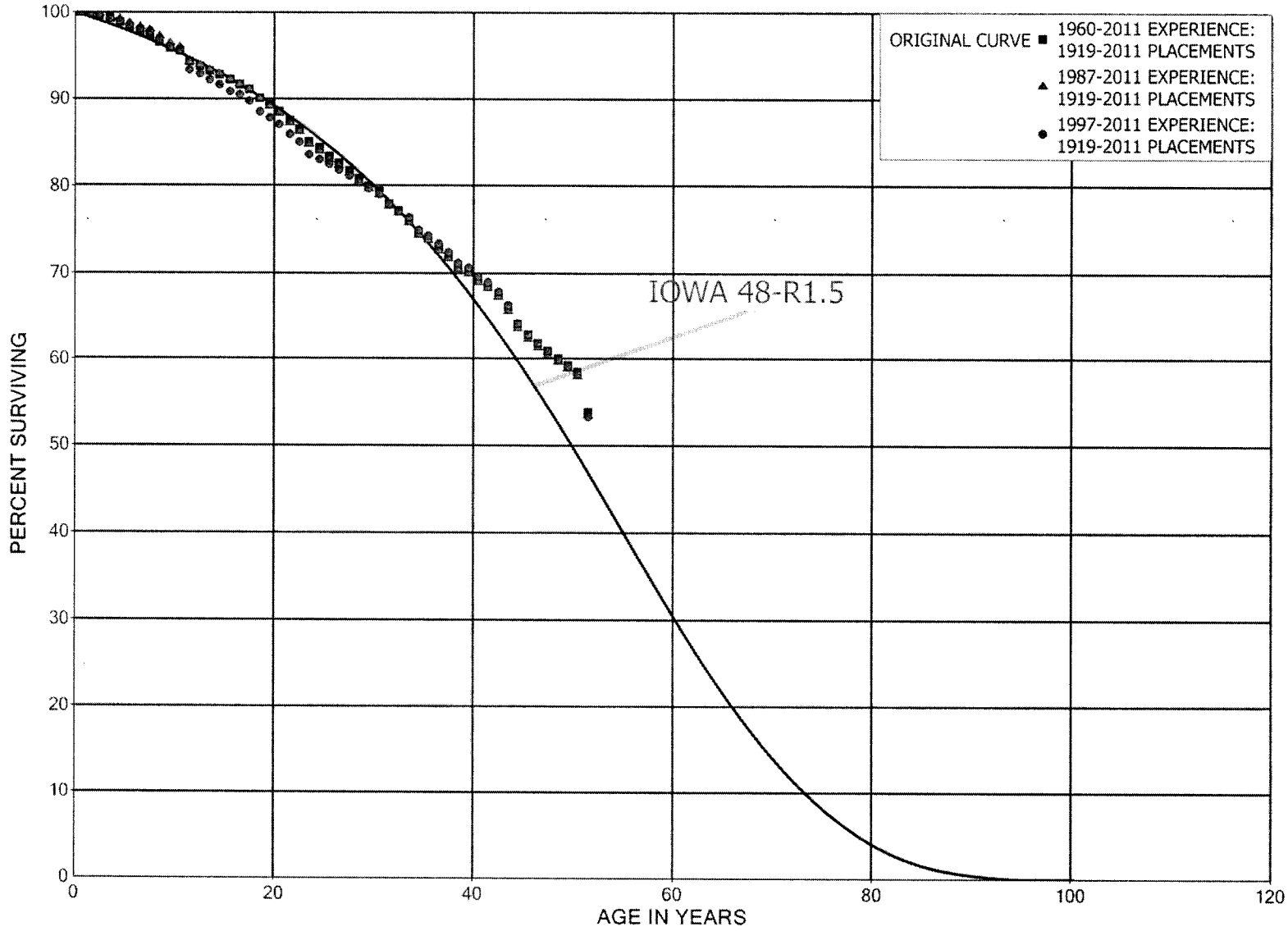
ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 3,345,687 | 7,549 | 0.0023 | 0.9977 | 91.53 |
| 40.5 | 2,949,561 | | 0.0000 | 1.0000 | 91.33 |
| 41.5 | 2,798,279 | 5,961 | 0.0021 | 0.9979 | 91.33 |
| 42.5 | 2,247,379 | 1,000 | 0.0004 | 0.9996 | 91.13 |
| 43.5 | 2,055,459 | 1,609 | 0.0008 | 0.9992 | 91.09 |
| 44.5 | 1,763,185 | | 0.0000 | 1.0000 | 91.02 |
| 45.5 | 1,568,707 | 2,950 | 0.0019 | 0.9981 | 91.02 |
| 46.5 | 1,396,513 | 363 | 0.0003 | 0.9997 | 90.85 |
| 47.5 | 1,343,705 | 15,465 | 0.0115 | 0.9885 | 90.82 |
| 48.5 | 1,126,335 | 2,462 | 0.0022 | 0.9978 | 89.78 |
| 49.5 | 1,059,944 | | 0.0000 | 1.0000 | 89.58 |
| 50.5 | 875,127 | 31,093 | 0.0355 | 0.9645 | 89.58 |
| 51.5 | | | | | 86.40 |

DUKE ENERGY CAROLINAS
ACCOUNT 353 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,291,482,730 | 106,397 | 0.0001 | 0.9999 | 100.00 |
| 0.5 | 1,253,848,126 | 2,310,705 | 0.0018 | 0.9982 | 99.99 |
| 1.5 | 1,196,242,016 | 2,839,678 | 0.0024 | 0.9976 | 99.81 |
| 2.5 | 1,173,922,331 | 3,835,860 | 0.0033 | 0.9967 | 99.57 |
| 3.5 | 1,128,511,240 | 4,624,360 | 0.0041 | 0.9959 | 99.25 |
| 4.5 | 1,078,286,125 | 5,761,584 | 0.0053 | 0.9947 | 98.84 |
| 5.5 | 1,039,360,844 | 5,809,812 | 0.0056 | 0.9944 | 98.31 |
| 6.5 | 998,454,802 | 4,805,641 | 0.0048 | 0.9952 | 97.76 |
| 7.5 | 954,213,860 | 8,026,982 | 0.0084 | 0.9916 | 97.29 |
| 8.5 | 911,338,307 | 6,198,308 | 0.0068 | 0.9932 | 96.47 |
| 9.5 | 864,211,530 | 2,742,400 | 0.0032 | 0.9968 | 95.82 |
| 10.5 | 832,592,463 | 11,004,819 | 0.0132 | 0.9868 | 95.51 |
| 11.5 | 791,341,938 | 4,166,400 | 0.0053 | 0.9947 | 94.25 |
| 12.5 | 772,209,628 | 4,363,982 | 0.0057 | 0.9943 | 93.75 |
| 13.5 | 746,641,589 | 3,994,163 | 0.0053 | 0.9947 | 93.22 |
| 14.5 | 729,820,660 | 4,442,499 | 0.0061 | 0.9939 | 92.72 |
| 15.5 | 711,525,282 | 4,064,430 | 0.0057 | 0.9943 | 92.16 |
| 16.5 | 669,596,214 | 4,001,924 | 0.0060 | 0.9940 | 91.63 |
| 17.5 | 642,791,861 | 7,248,157 | 0.0113 | 0.9887 | 91.09 |
| 18.5 | 598,585,860 | 5,323,995 | 0.0089 | 0.9911 | 90.06 |
| 19.5 | 573,850,961 | 4,952,198 | 0.0086 | 0.9914 | 89.26 |
| 20.5 | 520,409,322 | 5,915,505 | 0.0114 | 0.9886 | 88.49 |
| 21.5 | 484,899,904 | 5,399,512 | 0.0111 | 0.9889 | 87.48 |
| 22.5 | 459,629,234 | 7,577,945 | 0.0165 | 0.9835 | 86.51 |
| 23.5 | 438,632,870 | 3,786,402 | 0.0086 | 0.9914 | 85.08 |
| 24.5 | 426,542,579 | 4,663,926 | 0.0109 | 0.9891 | 84.35 |
| 25.5 | 410,945,971 | 3,833,819 | 0.0093 | 0.9907 | 83.42 |
| 26.5 | 396,572,129 | 4,285,832 | 0.0108 | 0.9892 | 82.65 |
| 27.5 | 365,636,854 | 3,921,035 | 0.0107 | 0.9893 | 81.75 |
| 28.5 | 332,962,579 | 3,583,640 | 0.0108 | 0.9892 | 80.88 |
| 29.5 | 313,171,466 | 2,593,021 | 0.0083 | 0.9917 | 80.01 |
| 30.5 | 284,869,180 | 4,822,719 | 0.0169 | 0.9831 | 79.34 |
| 31.5 | 270,921,572 | 2,832,211 | 0.0105 | 0.9895 | 78.00 |
| 32.5 | 254,861,105 | 3,446,955 | 0.0135 | 0.9865 | 77.18 |
| 33.5 | 234,152,970 | 4,368,546 | 0.0187 | 0.9813 | 76.14 |
| 34.5 | 218,048,535 | 1,899,522 | 0.0087 | 0.9913 | 74.72 |
| 35.5 | 204,415,205 | 3,127,940 | 0.0153 | 0.9847 | 74.07 |
| 36.5 | 170,182,738 | 2,150,180 | 0.0126 | 0.9874 | 72.94 |
| 37.5 | 143,925,479 | 2,335,607 | 0.0162 | 0.9838 | 72.01 |
| 38.5 | 112,107,401 | 1,008,354 | 0.0090 | 0.9910 | 70.85 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 92,603,252 | 1,219,887 | 0.0132 | 0.9868 | 70.21 |
| 40.5 | 76,507,250 | 745,806 | 0.0097 | 0.9903 | 69.28 |
| 41.5 | 71,201,718 | 1,041,240 | 0.0146 | 0.9854 | 68.61 |
| 42.5 | 55,657,584 | 1,293,462 | 0.0232 | 0.9768 | 67.61 |
| 43.5 | 49,717,712 | 1,480,806 | 0.0298 | 0.9702 | 66.03 |
| 44.5 | 41,341,793 | 809,779 | 0.0196 | 0.9804 | 64.07 |
| 45.5 | 35,737,050 | 537,495 | 0.0150 | 0.9850 | 62.81 |
| 46.5 | 31,990,144 | 462,939 | 0.0145 | 0.9855 | 61.87 |
| 47.5 | 28,756,769 | 408,641 | 0.0142 | 0.9858 | 60.97 |
| 48.5 | 26,489,603 | 340,783 | 0.0129 | 0.9871 | 60.11 |
| 49.5 | 24,837,885 | 351,701 | 0.0142 | 0.9858 | 59.33 |
| 50.5 | 22,056,713 | 1,740,573 | 0.0789 | 0.9211 | 58.49 |
| 51.5 | 2,482,514 | 1,990 | 0.0008 | 0.9992 | 53.88 |
| 52.5 | 2,480,524 | 24,598 | 0.0099 | 0.9901 | 53.83 |
| 53.5 | 2,513,690 | 57,764 | 0.0230 | 0.9770 | 53.30 |
| 54.5 | 2,438,425 | 8,107 | 0.0033 | 0.9967 | 52.07 |
| 55.5 | 2,411,476 | 540 | 0.0002 | 0.9998 | 51.90 |
| 56.5 | 2,291,077 | 96 | 0.0000 | 1.0000 | 51.89 |
| 57.5 | 2,186,355 | 2,513 | 0.0011 | 0.9989 | 51.89 |
| 58.5 | 2,069,190 | | 0.0000 | 1.0000 | 51.83 |
| 59.5 | 2,055,509 | 1,103 | 0.0005 | 0.9995 | 51.83 |
| 60.5 | 1,739,746 | | 0.0000 | 1.0000 | 51.80 |
| 61.5 | 1,721,046 | 60 | 0.0000 | 1.0000 | 51.80 |
| 62.5 | 1,711,778 | 248 | 0.0001 | 0.9999 | 51.80 |
| 63.5 | 1,711,530 | 4,902 | 0.0029 | 0.9971 | 51.79 |
| 64.5 | 1,706,628 | 356 | 0.0002 | 0.9998 | 51.64 |
| 65.5 | 1,706,272 | 415,516 | 0.2435 | 0.7565 | 51.63 |
| 66.5 | 1,290,756 | 431,035 | 0.3339 | 0.6661 | 39.06 |
| 67.5 | 859,349 | | 0.0000 | 1.0000 | 26.02 |
| 68.5 | 858,993 | 4,656 | 0.0054 | 0.9946 | 26.02 |
| 69.5 | 442,277 | | 0.0000 | 1.0000 | 25.87 |
| 70.5 | 1,669 | | 0.0000 | 1.0000 | 25.87 |
| 71.5 | 1,606 | | 0.0000 | 1.0000 | 25.87 |
| 72.5 | 1,606 | | 0.0000 | 1.0000 | 25.87 |
| 73.5 | 1,606 | | 0.0000 | 1.0000 | 25.87 |
| 74.5 | 1,606 | 828 | 0.5156 | 0.4844 | 25.87 |
| 75.5 | 6,295 | | 0.0000 | 1.0000 | 12.53 |
| 76.5 | 6,295 | | 0.0000 | 1.0000 | 12.53 |
| 77.5 | 6,295 | | 0.0000 | 1.0000 | 12.53 |
| 78.5 | 6,170 | | 0.0000 | 1.0000 | 12.53 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 6,170 | | 0.0000 | 1.0000 | 12.53 |
| 80.5 | 6,170 | | 0.0000 | 1.0000 | 12.53 |
| 81.5 | 6,170 | | 0.0000 | 1.0000 | 12.53 |
| 82.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 83.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 84.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 85.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 86.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 87.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 88.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 89.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 90.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 91.5 | 5,517 | | 0.0000 | 1.0000 | 12.53 |
| 92.5 | | | | | 12.53 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 782,376,883 | 14,833 | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 760,617,441 | 755,356 | 0.0010 | 0.9990 | 100.00 |
| 1.5 | 715,132,024 | 1,109,922 | 0.0016 | 0.9984 | 99.90 |
| 2.5 | 711,778,194 | 2,357,069 | 0.0033 | 0.9967 | 99.74 |
| 3.5 | 702,716,598 | 1,690,502 | 0.0024 | 0.9976 | 99.41 |
| 4.5 | 669,555,521 | 3,181,813 | 0.0048 | 0.9952 | 99.17 |
| 5.5 | 671,908,633 | 2,966,292 | 0.0044 | 0.9956 | 98.70 |
| 6.5 | 646,103,804 | 1,863,231 | 0.0029 | 0.9971 | 98.27 |
| 7.5 | 621,991,631 | 5,055,469 | 0.0081 | 0.9919 | 97.98 |
| 8.5 | 602,942,917 | 5,134,659 | 0.0085 | 0.9915 | 97.19 |
| 9.5 | 572,833,471 | 2,267,416 | 0.0040 | 0.9960 | 96.36 |
| 10.5 | 555,793,843 | 10,296,455 | 0.0185 | 0.9815 | 95.98 |
| 11.5 | 555,557,442 | 2,057,613 | 0.0037 | 0.9963 | 94.20 |
| 12.5 | 570,815,342 | 3,301,757 | 0.0058 | 0.9942 | 93.85 |
| 13.5 | 584,171,950 | 3,201,932 | 0.0055 | 0.9945 | 93.31 |
| 14.5 | 595,380,517 | 3,745,224 | 0.0063 | 0.9937 | 92.80 |
| 15.5 | 602,284,763 | 3,594,384 | 0.0060 | 0.9940 | 92.21 |
| 16.5 | 569,194,719 | 3,645,333 | 0.0064 | 0.9936 | 91.66 |
| 17.5 | 563,398,347 | 6,817,739 | 0.0121 | 0.9879 | 91.08 |
| 18.5 | 524,903,794 | 5,053,699 | 0.0096 | 0.9904 | 89.97 |
| 19.5 | 510,923,335 | 4,590,647 | 0.0090 | 0.9910 | 89.11 |
| 20.5 | 465,732,140 | 5,712,319 | 0.0123 | 0.9877 | 88.31 |
| 21.5 | 435,595,264 | 5,111,962 | 0.0117 | 0.9883 | 87.22 |
| 22.5 | 414,961,010 | 7,278,158 | 0.0175 | 0.9825 | 86.20 |
| 23.5 | 398,389,805 | 3,544,566 | 0.0089 | 0.9911 | 84.69 |
| 24.5 | 388,934,570 | 4,360,379 | 0.0112 | 0.9888 | 83.93 |
| 25.5 | 377,199,166 | 3,265,091 | 0.0087 | 0.9913 | 82.99 |
| 26.5 | 394,311,934 | 4,285,832 | 0.0109 | 0.9891 | 82.28 |
| 27.5 | 363,376,659 | 3,921,035 | 0.0108 | 0.9892 | 81.38 |
| 28.5 | 330,702,963 | 3,583,640 | 0.0108 | 0.9892 | 80.50 |
| 29.5 | 310,920,087 | 2,593,021 | 0.0083 | 0.9917 | 79.63 |
| 30.5 | 282,639,802 | 4,822,719 | 0.0171 | 0.9829 | 78.97 |
| 31.5 | 268,824,425 | 2,832,211 | 0.0105 | 0.9895 | 77.62 |
| 32.5 | 252,890,708 | 3,446,955 | 0.0136 | 0.9864 | 76.80 |
| 33.5 | 232,183,873 | 4,368,546 | 0.0188 | 0.9812 | 75.75 |
| 34.5 | 216,093,119 | 1,899,522 | 0.0088 | 0.9912 | 74.33 |
| 35.5 | 202,658,861 | 3,127,940 | 0.0154 | 0.9846 | 73.68 |
| 36.5 | 168,447,607 | 2,150,180 | 0.0128 | 0.9872 | 72.54 |
| 37.5 | 142,199,676 | 2,335,607 | 0.0164 | 0.9836 | 71.61 |
| 38.5 | 110,395,563 | 1,008,354 | 0.0091 | 0.9909 | 70.44 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 90,891,414 | 1,219,887 | 0.0134 | 0.9866 | 69.79 |
| 40.5 | 74,795,412 | 745,806 | 0.0100 | 0.9900 | 68.86 |
| 41.5 | 69,489,880 | 1,041,240 | 0.0150 | 0.9850 | 68.17 |
| 42.5 | 53,946,118 | 1,293,462 | 0.0240 | 0.9760 | 67.15 |
| 43.5 | 48,007,206 | 1,480,806 | 0.0308 | 0.9692 | 65.54 |
| 44.5 | 40,463,579 | 809,779 | 0.0200 | 0.9800 | 63.52 |
| 45.5 | 35,735,381 | 537,495 | 0.0150 | 0.9850 | 62.25 |
| 46.5 | 31,988,538 | 462,939 | 0.0145 | 0.9855 | 61.31 |
| 47.5 | 28,755,163 | 408,641 | 0.0142 | 0.9858 | 60.42 |
| 48.5 | 26,487,997 | 340,783 | 0.0129 | 0.9871 | 59.56 |
| 49.5 | 24,836,279 | 351,701 | 0.0142 | 0.9858 | 58.80 |
| 50.5 | 22,055,107 | 1,740,573 | 0.0789 | 0.9211 | 57.96 |
| 51.5 | 2,480,908 | 1,990 | 0.0008 | 0.9992 | 53.39 |
| 52.5 | 2,478,918 | 24,598 | 0.0099 | 0.9901 | 53.35 |
| 53.5 | 2,513,037 | 57,764 | 0.0230 | 0.9770 | 52.82 |
| 54.5 | 2,437,772 | 8,107 | 0.0033 | 0.9967 | 51.60 |
| 55.5 | 2,410,823 | 540 | 0.0002 | 0.9998 | 51.43 |
| 56.5 | 2,290,424 | 96 | 0.0000 | 1.0000 | 51.42 |
| 57.5 | 2,186,355 | 2,513 | 0.0011 | 0.9989 | 51.42 |
| 58.5 | 2,069,190 | | 0.0000 | 1.0000 | 51.36 |
| 59.5 | 2,055,509 | 1,103 | 0.0005 | 0.9995 | 51.36 |
| 60.5 | 1,739,746 | | 0.0000 | 1.0000 | 51.33 |
| 61.5 | 1,721,046 | 60 | 0.0000 | 1.0000 | 51.33 |
| 62.5 | 1,711,778 | 248 | 0.0001 | 0.9999 | 51.33 |
| 63.5 | 1,711,530 | 4,902 | 0.0029 | 0.9971 | 51.32 |
| 64.5 | 1,706,628 | 356 | 0.0002 | 0.9998 | 51.18 |
| 65.5 | 1,706,272 | 415,516 | 0.2435 | 0.7565 | 51.17 |
| 66.5 | 1,290,756 | 431,035 | 0.3339 | 0.6661 | 38.71 |
| 67.5 | 859,349 | | 0.0000 | 1.0000 | 25.78 |
| 68.5 | 858,993 | 4,656 | 0.0054 | 0.9946 | 25.78 |
| 69.5 | 442,277 | | 0.0000 | 1.0000 | 25.64 |
| 70.5 | 1,669 | | 0.0000 | 1.0000 | 25.64 |
| 71.5 | 1,606 | | 0.0000 | 1.0000 | 25.64 |
| 72.5 | 1,606 | | 0.0000 | 1.0000 | 25.64 |
| 73.5 | 1,606 | | 0.0000 | 1.0000 | 25.64 |
| 74.5 | 1,606 | 828 | 0.5156 | 0.4844 | 25.64 |
| 75.5 | 6,295 | | 0.0000 | 1.0000 | 12.42 |
| 76.5 | 6,295 | | 0.0000 | 1.0000 | 12.42 |
| 77.5 | 6,295 | | 0.0000 | 1.0000 | 12.42 |
| 78.5 | 6,170 | | 0.0000 | 1.0000 | 12.42 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 6,170 | | 0.0000 | 1.0000 | 12.42 |
| 80.5 | 6,170 | | 0.0000 | 1.0000 | 12.42 |
| 81.5 | 6,170 | | 0.0000 | 1.0000 | 12.42 |
| 82.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 83.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 84.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 85.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 86.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 87.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 88.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 89.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 90.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 91.5 | 5,517 | | 0.0000 | 1.0000 | 12.42 |
| 92.5 | | | | | 12.42 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1997-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 530,828,569 | 9,300 | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 498,452,001 | 662,547 | 0.0013 | 0.9987 | 100.00 |
| 1.5 | 473,762,129 | 701,969 | 0.0015 | 0.9985 | 99.87 |
| 2.5 | 471,047,590 | 2,046,942 | 0.0043 | 0.9957 | 99.72 |
| 3.5 | 465,157,423 | 1,441,144 | 0.0031 | 0.9969 | 99.28 |
| 4.5 | 430,780,301 | 2,249,648 | 0.0052 | 0.9948 | 98.98 |
| 5.5 | 456,021,672 | 1,989,359 | 0.0044 | 0.9956 | 98.46 |
| 6.5 | 447,888,830 | 1,504,925 | 0.0034 | 0.9966 | 98.03 |
| 7.5 | 425,339,327 | 3,610,373 | 0.0085 | 0.9915 | 97.70 |
| 8.5 | 405,283,911 | 3,775,696 | 0.0093 | 0.9907 | 96.87 |
| 9.5 | 368,924,198 | 1,256,361 | 0.0034 | 0.9966 | 95.97 |
| 10.5 | 348,886,541 | 8,770,962 | 0.0251 | 0.9749 | 95.64 |
| 11.5 | 322,373,570 | 1,543,130 | 0.0048 | 0.9952 | 93.24 |
| 12.5 | 335,925,774 | 2,361,258 | 0.0070 | 0.9930 | 92.79 |
| 13.5 | 350,825,517 | 2,176,674 | 0.0062 | 0.9938 | 92.14 |
| 14.5 | 355,457,951 | 2,738,297 | 0.0077 | 0.9923 | 91.57 |
| 15.5 | 370,439,995 | 1,582,808 | 0.0043 | 0.9957 | 90.86 |
| 16.5 | 343,376,458 | 2,878,112 | 0.0084 | 0.9916 | 90.47 |
| 17.5 | 333,357,415 | 4,633,105 | 0.0139 | 0.9861 | 89.72 |
| 18.5 | 311,430,587 | 2,375,089 | 0.0076 | 0.9924 | 88.47 |
| 19.5 | 305,397,268 | 2,366,734 | 0.0077 | 0.9923 | 87.79 |
| 20.5 | 265,330,140 | 3,436,726 | 0.0130 | 0.9870 | 87.11 |
| 21.5 | 270,337,591 | 3,000,599 | 0.0111 | 0.9889 | 85.99 |
| 22.5 | 275,893,594 | 4,661,230 | 0.0169 | 0.9831 | 85.03 |
| 23.5 | 292,089,980 | 1,758,736 | 0.0060 | 0.9940 | 83.59 |
| 24.5 | 303,629,579 | 2,209,634 | 0.0073 | 0.9927 | 83.09 |
| 25.5 | 309,360,661 | 2,435,950 | 0.0079 | 0.9921 | 82.49 |
| 26.5 | 302,784,444 | 2,290,722 | 0.0076 | 0.9924 | 81.84 |
| 27.5 | 292,777,903 | 2,951,572 | 0.0101 | 0.9899 | 81.22 |
| 28.5 | 266,916,596 | 2,400,681 | 0.0090 | 0.9910 | 80.40 |
| 29.5 | 257,458,785 | 1,943,379 | 0.0075 | 0.9925 | 79.68 |
| 30.5 | 236,118,516 | 3,417,651 | 0.0145 | 0.9855 | 79.07 |
| 31.5 | 228,617,246 | 2,536,049 | 0.0111 | 0.9889 | 77.93 |
| 32.5 | 216,732,040 | 1,904,333 | 0.0088 | 0.9912 | 77.07 |
| 33.5 | 200,701,812 | 3,664,326 | 0.0183 | 0.9817 | 76.39 |
| 34.5 | 187,183,846 | 1,702,312 | 0.0091 | 0.9909 | 74.99 |
| 35.5 | 176,910,340 | 2,257,021 | 0.0128 | 0.9872 | 74.31 |
| 36.5 | 167,921,890 | 2,150,180 | 0.0128 | 0.9872 | 73.36 |
| 37.5 | 141,654,415 | 2,335,607 | 0.0165 | 0.9835 | 72.42 |
| 38.5 | 109,836,916 | 1,008,354 | 0.0092 | 0.9908 | 71.23 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1997-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 90,351,220 | 1,219,887 | 0.0135 | 0.9865 | 70.58 |
| 40.5 | 74,277,872 | 745,806 | 0.0100 | 0.9900 | 69.62 |
| 41.5 | 68,990,694 | 1,041,240 | 0.0151 | 0.9849 | 68.92 |
| 42.5 | 53,573,310 | 1,293,462 | 0.0241 | 0.9759 | 67.88 |
| 43.5 | 47,625,565 | 1,480,806 | 0.0311 | 0.9689 | 66.24 |
| 44.5 | 39,263,327 | 809,779 | 0.0206 | 0.9794 | 64.18 |
| 45.5 | 33,980,706 | 537,495 | 0.0158 | 0.9842 | 62.86 |
| 46.5 | 30,255,013 | 462,939 | 0.0153 | 0.9847 | 61.87 |
| 47.5 | 27,030,966 | 408,641 | 0.0151 | 0.9849 | 60.92 |
| 48.5 | 24,777,765 | 340,783 | 0.0138 | 0.9862 | 60.00 |
| 49.5 | 23,126,047 | 351,701 | 0.0152 | 0.9848 | 59.17 |
| 50.5 | 20,344,875 | 1,740,573 | 0.0856 | 0.9144 | 58.27 |
| 51.5 | 770,676 | 1,990 | 0.0026 | 0.9974 | 53.29 |
| 52.5 | 769,058 | 24,598 | 0.0320 | 0.9680 | 53.15 |
| 53.5 | 745,420 | | 0.0000 | 1.0000 | 51.45 |
| 54.5 | 1,560,211 | 8,107 | 0.0052 | 0.9948 | 51.45 |
| 55.5 | 2,409,807 | 540 | 0.0002 | 0.9998 | 51.18 |
| 56.5 | 2,289,471 | 96 | 0.0000 | 1.0000 | 51.17 |
| 57.5 | 2,184,749 | 2,513 | 0.0012 | 0.9988 | 51.17 |
| 58.5 | 2,067,584 | | 0.0000 | 1.0000 | 51.11 |
| 59.5 | 2,053,903 | 1,103 | 0.0005 | 0.9995 | 51.11 |
| 60.5 | 1,738,140 | | 0.0000 | 1.0000 | 51.08 |
| 61.5 | 1,719,440 | 60 | 0.0000 | 1.0000 | 51.08 |
| 62.5 | 1,710,172 | 248 | 0.0001 | 0.9999 | 51.08 |
| 63.5 | 1,710,877 | 4,902 | 0.0029 | 0.9971 | 51.07 |
| 64.5 | 1,705,975 | 356 | 0.0002 | 0.9998 | 50.93 |
| 65.5 | 1,705,619 | 415,516 | 0.2436 | 0.7564 | 50.92 |
| 66.5 | 1,290,103 | 431,035 | 0.3341 | 0.6659 | 38.51 |
| 67.5 | 859,349 | | 0.0000 | 1.0000 | 25.65 |
| 68.5 | 858,993 | 4,656 | 0.0054 | 0.9946 | 25.65 |
| 69.5 | 442,277 | | 0.0000 | 1.0000 | 25.51 |
| 70.5 | 1,669 | | 0.0000 | 1.0000 | 25.51 |
| 71.5 | 1,606 | | 0.0000 | 1.0000 | 25.51 |
| 72.5 | 1,606 | | 0.0000 | 1.0000 | 25.51 |
| 73.5 | 1,606 | | 0.0000 | 1.0000 | 25.51 |
| 74.5 | 1,606 | 828 | 0.5156 | 0.4844 | 25.51 |
| 75.5 | 778 | | 0.0000 | 1.0000 | 12.36 |
| 76.5 | 778 | | 0.0000 | 1.0000 | 12.36 |
| 77.5 | 6,295 | | 0.0000 | 1.0000 | 12.36 |
| 78.5 | 6,170 | | 0.0000 | 1.0000 | 12.36 |

DUKE ENERGY CAROLINAS

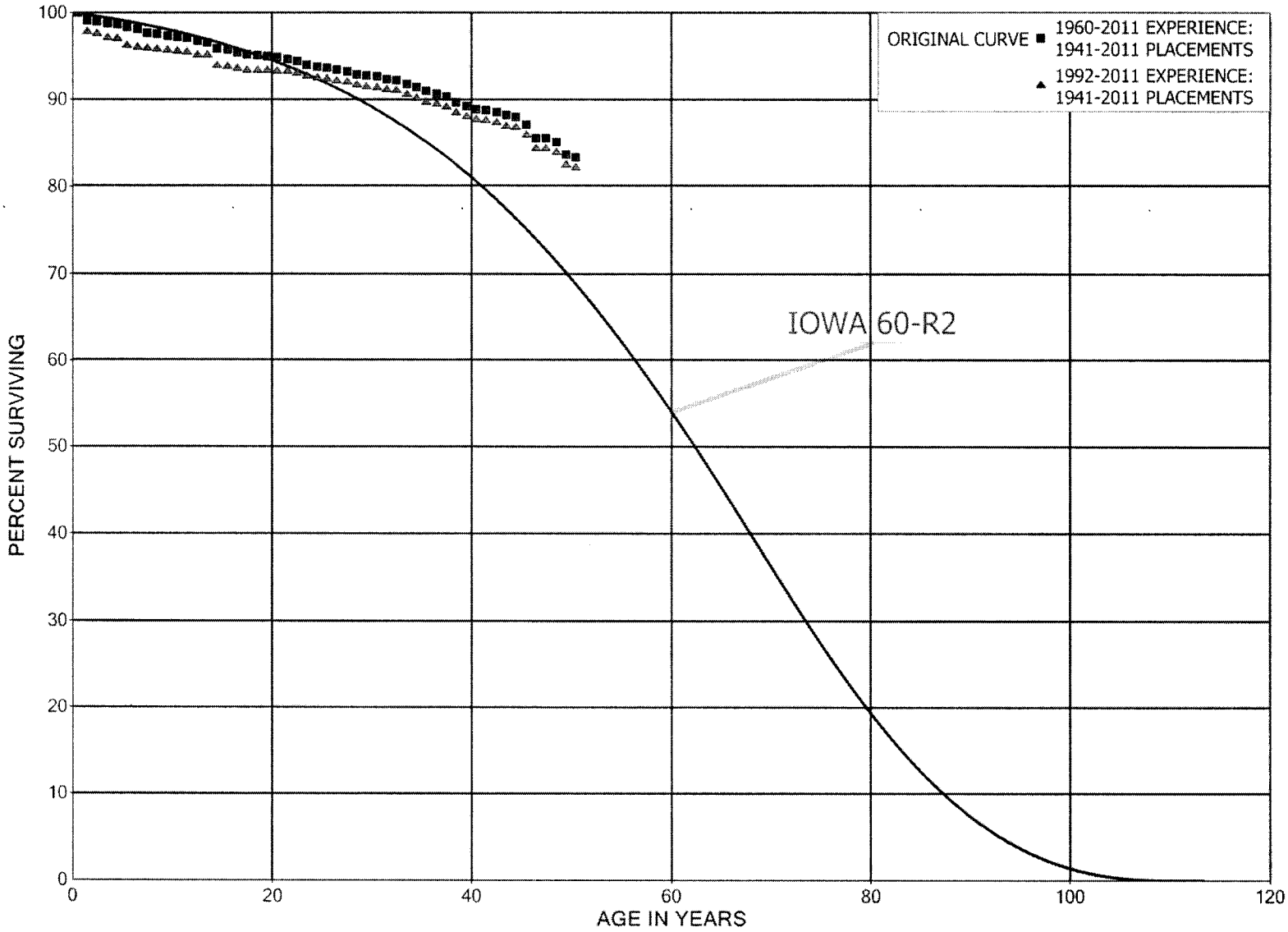
ACCOUNT 353 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1997-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 6,170 | | 0.0000 | 1.0000 | 12.36 |
| 80.5 | 6,170 | | 0.0000 | 1.0000 | 12.36 |
| 81.5 | 6,170 | | 0.0000 | 1.0000 | 12.36 |
| 82.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 83.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 84.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 85.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 86.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 87.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 88.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 89.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 90.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 91.5 | 5,517 | | 0.0000 | 1.0000 | 12.36 |
| 92.5 | | | | | 12.36 |

DUKE ENERGY CAROLINAS
ACCOUNT 354 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 466,090,885 | 75,908 | 0.0002 | 0.9998 | 100.00 |
| 0.5 | 451,911,489 | 4,055,815 | 0.0090 | 0.9910 | 99.98 |
| 1.5 | 426,772,646 | 410,600 | 0.0010 | 0.9990 | 99.09 |
| 2.5 | 411,001,911 | 1,091,161 | 0.0027 | 0.9973 | 98.99 |
| 3.5 | 403,568,306 | 360,312 | 0.0009 | 0.9991 | 98.73 |
| 4.5 | 384,293,783 | 1,407,147 | 0.0037 | 0.9963 | 98.64 |
| 5.5 | 368,476,419 | 872,302 | 0.0024 | 0.9976 | 98.28 |
| 6.5 | 363,421,466 | 1,577,884 | 0.0043 | 0.9957 | 98.05 |
| 7.5 | 356,468,806 | 570,708 | 0.0016 | 0.9984 | 97.62 |
| 8.5 | 350,645,719 | 670,696 | 0.0019 | 0.9981 | 97.46 |
| 9.5 | 344,521,216 | 315,573 | 0.0009 | 0.9991 | 97.28 |
| 10.5 | 339,918,022 | 438,807 | 0.0013 | 0.9987 | 97.19 |
| 11.5 | 335,891,895 | 1,033,729 | 0.0031 | 0.9969 | 97.06 |
| 12.5 | 332,629,106 | 731,631 | 0.0022 | 0.9978 | 96.76 |
| 13.5 | 330,593,883 | 2,307,769 | 0.0070 | 0.9930 | 96.55 |
| 14.5 | 323,655,766 | 585,670 | 0.0018 | 0.9982 | 95.88 |
| 15.5 | 316,844,500 | 949,418 | 0.0030 | 0.9970 | 95.70 |
| 16.5 | 303,199,903 | 724,365 | 0.0024 | 0.9976 | 95.42 |
| 17.5 | 290,928,993 | 503,012 | 0.0017 | 0.9983 | 95.19 |
| 18.5 | 287,940,861 | 245,964 | 0.0009 | 0.9991 | 95.02 |
| 19.5 | 285,859,902 | 324,971 | 0.0011 | 0.9989 | 94.94 |
| 20.5 | 269,575,064 | 533,695 | 0.0020 | 0.9980 | 94.84 |
| 21.5 | 255,517,096 | 724,075 | 0.0028 | 0.9972 | 94.65 |
| 22.5 | 243,904,660 | 1,140,653 | 0.0047 | 0.9953 | 94.38 |
| 23.5 | 238,320,282 | 523,376 | 0.0022 | 0.9978 | 93.94 |
| 24.5 | 234,477,176 | 413,936 | 0.0018 | 0.9982 | 93.73 |
| 25.5 | 226,273,807 | 527,894 | 0.0023 | 0.9977 | 93.57 |
| 26.5 | 219,957,926 | 308,173 | 0.0014 | 0.9986 | 93.35 |
| 27.5 | 210,403,498 | 760,609 | 0.0036 | 0.9964 | 93.22 |
| 28.5 | 202,498,821 | 337,522 | 0.0017 | 0.9983 | 92.88 |
| 29.5 | 187,388,855 | 322,116 | 0.0017 | 0.9983 | 92.73 |
| 30.5 | 176,007,041 | 474,168 | 0.0027 | 0.9973 | 92.57 |
| 31.5 | 170,500,813 | 215,317 | 0.0013 | 0.9987 | 92.32 |
| 32.5 | 165,328,194 | 819,552 | 0.0050 | 0.9950 | 92.20 |
| 33.5 | 159,131,834 | 685,724 | 0.0043 | 0.9957 | 91.74 |
| 34.5 | 145,243,783 | 728,127 | 0.0050 | 0.9950 | 91.35 |
| 35.5 | 139,990,419 | 407,584 | 0.0029 | 0.9971 | 90.89 |
| 36.5 | 129,703,998 | 488,981 | 0.0038 | 0.9962 | 90.63 |
| 37.5 | 92,825,071 | 683,735 | 0.0074 | 0.9926 | 90.28 |
| 38.5 | 80,411,811 | 396,513 | 0.0049 | 0.9951 | 89.62 |

DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 52,762,067 | 179,524 | 0.0034 | 0.9966 | 89.18 |
| 40.5 | 49,316,270 | 70,544 | 0.0014 | 0.9986 | 88.87 |
| 41.5 | 41,882,478 | 95,380 | 0.0023 | 0.9977 | 88.75 |
| 42.5 | 32,960,858 | 156,807 | 0.0048 | 0.9952 | 88.54 |
| 43.5 | 28,526,806 | 50,428 | 0.0018 | 0.9982 | 88.12 |
| 44.5 | 25,919,109 | 253,120 | 0.0098 | 0.9902 | 87.97 |
| 45.5 | 23,292,514 | 423,579 | 0.0182 | 0.9818 | 87.11 |
| 46.5 | 20,515,135 | 3,349 | 0.0002 | 0.9998 | 85.52 |
| 47.5 | 18,349,674 | 87,953 | 0.0048 | 0.9952 | 85.51 |
| 48.5 | 15,710,606 | 271,769 | 0.0173 | 0.9827 | 85.10 |
| 49.5 | 14,902,053 | 52,540 | 0.0035 | 0.9965 | 83.63 |
| 50.5 | 14,154,199 | 77,291 | 0.0055 | 0.9945 | 83.33 |
| 51.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 52.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 53.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 54.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 55.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 56.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 57.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 58.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 59.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 60.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 61.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 62.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 63.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 64.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 65.5 | 317,254 | | 0.0000 | 1.0000 | 82.88 |
| 66.5 | 317,254 | 158,627 | 0.5000 | 0.5000 | 82.88 |
| 67.5 | 158,627 | 158,627 | 1.0000 | | 41.44 |
| 68.5 | | | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 171,969,310 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 172,740,114 | 3,913,504 | 0.0227 | 0.9773 | 100.00 |
| 1.5 | 162,528,332 | 341,680 | 0.0021 | 0.9979 | 97.73 |
| 2.5 | 158,687,512 | 703,137 | 0.0044 | 0.9956 | 97.53 |
| 3.5 | 155,821,176 | 283,584 | 0.0018 | 0.9982 | 97.10 |
| 4.5 | 140,028,144 | 1,127,118 | 0.0080 | 0.9920 | 96.92 |
| 5.5 | 132,325,977 | 217,851 | 0.0016 | 0.9984 | 96.14 |
| 6.5 | 134,904,567 | 191,162 | 0.0014 | 0.9986 | 95.98 |
| 7.5 | 138,610,944 | 187,057 | 0.0013 | 0.9987 | 95.85 |
| 8.5 | 141,355,118 | 164,783 | 0.0012 | 0.9988 | 95.72 |
| 9.5 | 150,547,875 | 84,424 | 0.0006 | 0.9994 | 95.60 |
| 10.5 | 157,817,845 | 185,997 | 0.0012 | 0.9988 | 95.55 |
| 11.5 | 159,189,152 | 542,444 | 0.0034 | 0.9966 | 95.44 |
| 12.5 | 161,388,925 | 100,675 | 0.0006 | 0.9994 | 95.11 |
| 13.5 | 165,681,065 | 2,053,094 | 0.0124 | 0.9876 | 95.05 |
| 14.5 | 172,392,261 | 195,582 | 0.0011 | 0.9989 | 93.88 |
| 15.5 | 169,110,036 | 493,907 | 0.0029 | 0.9971 | 93.77 |
| 16.5 | 166,212,316 | 293,088 | 0.0018 | 0.9982 | 93.50 |
| 17.5 | 191,684,348 | 129,142 | 0.0007 | 0.9993 | 93.33 |
| 18.5 | 200,782,457 | 80,011 | 0.0004 | 0.9996 | 93.27 |
| 19.5 | 227,295,051 | 146,232 | 0.0006 | 0.9994 | 93.23 |
| 20.5 | 215,992,856 | 67,005 | 0.0003 | 0.9997 | 93.17 |
| 21.5 | 210,044,604 | 554,509 | 0.0026 | 0.9974 | 93.14 |
| 22.5 | 208,162,359 | 681,901 | 0.0033 | 0.9967 | 92.90 |
| 23.5 | 208,333,437 | 363,142 | 0.0017 | 0.9983 | 92.59 |
| 24.5 | 207,940,963 | 332,980 | 0.0016 | 0.9984 | 92.43 |
| 25.5 | 202,383,875 | 512,595 | 0.0025 | 0.9975 | 92.28 |
| 26.5 | 197,531,187 | 250,856 | 0.0013 | 0.9987 | 92.05 |
| 27.5 | 190,253,437 | 694,290 | 0.0036 | 0.9964 | 91.93 |
| 28.5 | 185,026,098 | 331,573 | 0.0018 | 0.9982 | 91.60 |
| 29.5 | 170,560,345 | 322,116 | 0.0019 | 0.9981 | 91.43 |
| 30.5 | 160,062,007 | 394,207 | 0.0025 | 0.9975 | 91.26 |
| 31.5 | 170,183,559 | 215,317 | 0.0013 | 0.9987 | 91.03 |
| 32.5 | 165,010,940 | 819,552 | 0.0050 | 0.9950 | 90.92 |
| 33.5 | 158,814,580 | 685,724 | 0.0043 | 0.9957 | 90.47 |
| 34.5 | 144,926,529 | 728,127 | 0.0050 | 0.9950 | 90.08 |
| 35.5 | 139,673,165 | 407,584 | 0.0029 | 0.9971 | 89.62 |
| 36.5 | 129,386,744 | 488,981 | 0.0038 | 0.9962 | 89.36 |
| 37.5 | 92,507,817 | 683,735 | 0.0074 | 0.9926 | 89.03 |
| 38.5 | 80,094,557 | 396,513 | 0.0050 | 0.9950 | 88.37 |

DUKE ENERGY CAROLINAS

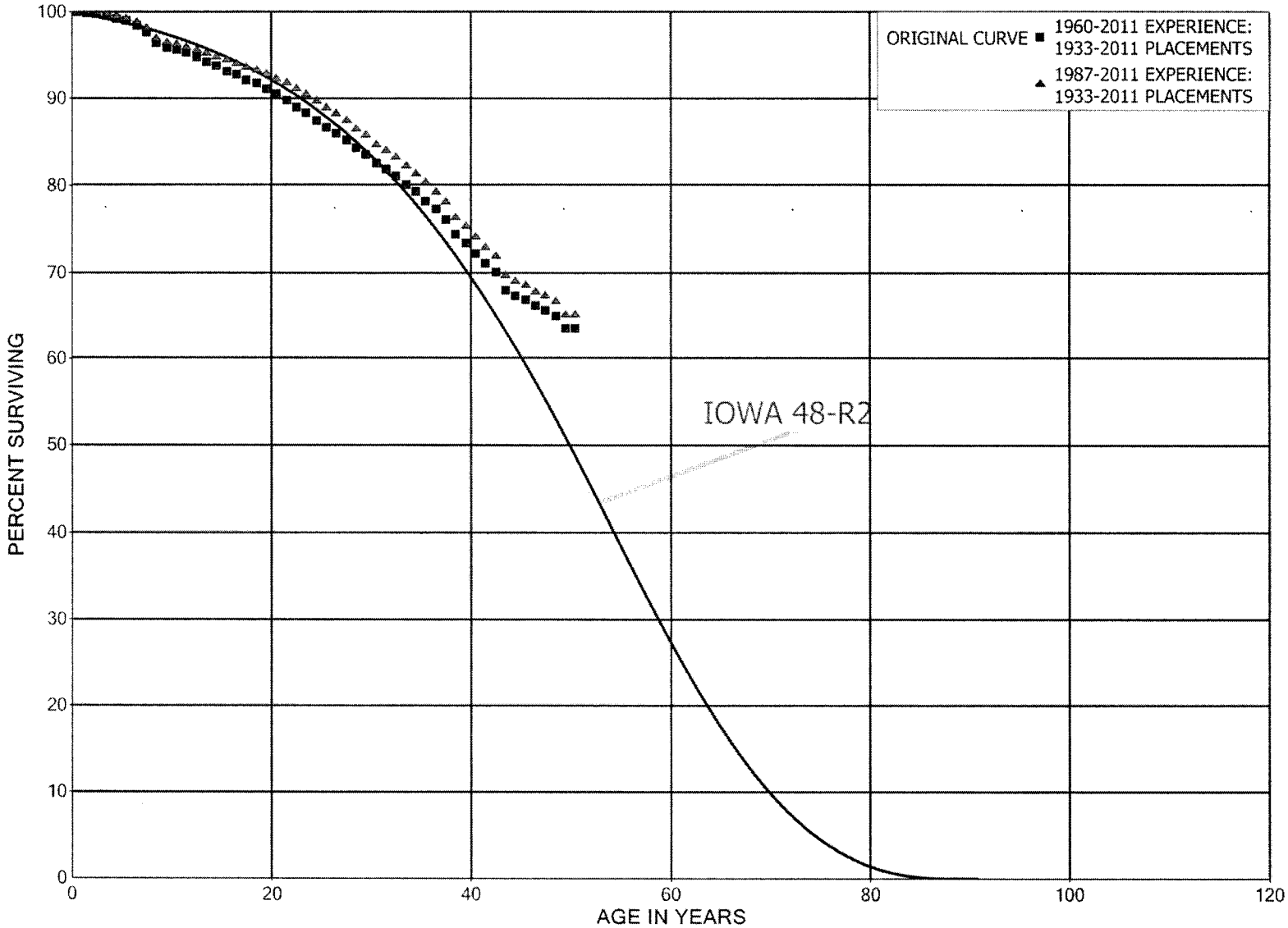
ACCOUNT 354 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 52,444,813 | 179,524 | 0.0034 | 0.9966 | 87.93 |
| 40.5 | 48,999,016 | 70,544 | 0.0014 | 0.9986 | 87.63 |
| 41.5 | 41,565,224 | 95,380 | 0.0023 | 0.9977 | 87.50 |
| 42.5 | 32,643,604 | 156,807 | 0.0048 | 0.9952 | 87.30 |
| 43.5 | 28,209,552 | 50,428 | 0.0018 | 0.9982 | 86.88 |
| 44.5 | 25,601,855 | 253,120 | 0.0099 | 0.9901 | 86.73 |
| 45.5 | 22,975,260 | 423,579 | 0.0184 | 0.9816 | 85.87 |
| 46.5 | 20,197,881 | 3,349 | 0.0002 | 0.9998 | 84.29 |
| 47.5 | 18,032,420 | 87,953 | 0.0049 | 0.9951 | 84.27 |
| 48.5 | 15,393,352 | 271,769 | 0.0177 | 0.9823 | 83.86 |
| 49.5 | 14,584,799 | 52,540 | 0.0036 | 0.9964 | 82.38 |
| 50.5 | 14,154,199 | 77,291 | 0.0055 | 0.9945 | 82.08 |
| 51.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 52.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 53.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 54.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 55.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 56.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 57.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 58.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 59.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 60.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 61.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 62.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 63.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 64.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 65.5 | 317,254 | | 0.0000 | 1.0000 | 81.64 |
| 66.5 | 317,254 | 158,627 | 0.5000 | 0.5000 | 81.64 |
| 67.5 | 158,627 | 158,627 | 1.0000 | | 40.82 |
| 68.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 355 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 329,298,693 | 113,976 | 0.0003 | 0.9997 | 100.00 |
| 0.5 | 315,033,828 | 290,003 | 0.0009 | 0.9991 | 99.97 |
| 1.5 | 291,237,381 | 507,268 | 0.0017 | 0.9983 | 99.87 |
| 2.5 | 272,534,860 | 530,544 | 0.0019 | 0.9981 | 99.70 |
| 3.5 | 239,187,576 | 798,154 | 0.0033 | 0.9967 | 99.51 |
| 4.5 | 224,461,499 | 624,357 | 0.0028 | 0.9972 | 99.17 |
| 5.5 | 204,429,188 | 990,445 | 0.0048 | 0.9952 | 98.90 |
| 6.5 | 172,950,394 | 1,398,254 | 0.0081 | 0.9919 | 98.42 |
| 7.5 | 152,397,543 | 1,974,948 | 0.0130 | 0.9870 | 97.62 |
| 8.5 | 138,062,415 | 766,919 | 0.0056 | 0.9944 | 96.36 |
| 9.5 | 116,635,324 | 293,168 | 0.0025 | 0.9975 | 95.82 |
| 10.5 | 108,509,738 | 383,227 | 0.0035 | 0.9965 | 95.58 |
| 11.5 | 95,143,455 | 570,944 | 0.0060 | 0.9940 | 95.24 |
| 12.5 | 90,454,718 | 441,054 | 0.0049 | 0.9951 | 94.67 |
| 13.5 | 84,802,659 | 470,194 | 0.0055 | 0.9945 | 94.21 |
| 14.5 | 80,568,170 | 508,720 | 0.0063 | 0.9937 | 93.69 |
| 15.5 | 76,531,180 | 337,324 | 0.0044 | 0.9956 | 93.10 |
| 16.5 | 72,146,663 | 479,157 | 0.0066 | 0.9934 | 92.69 |
| 17.5 | 67,437,505 | 293,499 | 0.0044 | 0.9956 | 92.07 |
| 18.5 | 64,404,894 | 397,135 | 0.0062 | 0.9938 | 91.67 |
| 19.5 | 61,427,616 | 391,680 | 0.0064 | 0.9936 | 91.10 |
| 20.5 | 57,847,734 | 507,976 | 0.0088 | 0.9912 | 90.52 |
| 21.5 | 54,170,589 | 443,261 | 0.0082 | 0.9918 | 89.73 |
| 22.5 | 50,427,722 | 426,275 | 0.0085 | 0.9915 | 88.99 |
| 23.5 | 46,842,695 | 432,430 | 0.0092 | 0.9908 | 88.24 |
| 24.5 | 44,672,020 | 411,023 | 0.0092 | 0.9908 | 87.43 |
| 25.5 | 40,961,733 | 337,143 | 0.0082 | 0.9918 | 86.62 |
| 26.5 | 39,414,113 | 314,079 | 0.0080 | 0.9920 | 85.91 |
| 27.5 | 35,585,307 | 406,235 | 0.0114 | 0.9886 | 85.23 |
| 28.5 | 33,091,064 | 275,988 | 0.0083 | 0.9917 | 84.25 |
| 29.5 | 31,339,873 | 389,077 | 0.0124 | 0.9876 | 83.55 |
| 30.5 | 28,750,914 | 253,870 | 0.0088 | 0.9912 | 82.51 |
| 31.5 | 26,415,748 | 232,338 | 0.0088 | 0.9912 | 81.78 |
| 32.5 | 24,540,098 | 296,746 | 0.0121 | 0.9879 | 81.07 |
| 33.5 | 23,551,433 | 247,946 | 0.0105 | 0.9895 | 80.08 |
| 34.5 | 21,411,568 | 274,344 | 0.0128 | 0.9872 | 79.24 |
| 35.5 | 20,580,767 | 261,404 | 0.0127 | 0.9873 | 78.23 |
| 36.5 | 18,701,355 | 276,174 | 0.0148 | 0.9852 | 77.23 |
| 37.5 | 14,730,351 | 335,623 | 0.0228 | 0.9772 | 76.09 |
| 38.5 | 13,622,901 | 175,293 | 0.0129 | 0.9871 | 74.36 |

DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 11,739,700 | 193,787 | 0.0165 | 0.9835 | 73.40 |
| 40.5 | 10,544,471 | 168,248 | 0.0160 | 0.9840 | 72.19 |
| 41.5 | 8,740,579 | 122,856 | 0.0141 | 0.9859 | 71.04 |
| 42.5 | 6,984,745 | 213,004 | 0.0305 | 0.9695 | 70.04 |
| 43.5 | 5,418,685 | 46,791 | 0.0086 | 0.9914 | 67.90 |
| 44.5 | 4,252,050 | 30,415 | 0.0072 | 0.9928 | 67.32 |
| 45.5 | 3,670,327 | 38,885 | 0.0106 | 0.9894 | 66.84 |
| 46.5 | 3,179,406 | 23,043 | 0.0072 | 0.9928 | 66.13 |
| 47.5 | 2,862,028 | 28,077 | 0.0098 | 0.9902 | 65.65 |
| 48.5 | 2,575,432 | 58,515 | 0.0227 | 0.9773 | 65.00 |
| 49.5 | 2,338,975 | 495 | 0.0002 | 0.9998 | 63.53 |
| 50.5 | 2,185,470 | 289 | 0.0001 | 0.9999 | 63.51 |
| 51.5 | 118,109 | 1,182 | 0.0100 | 0.9900 | 63.51 |
| 52.5 | 116,675 | | 0.0000 | 1.0000 | 62.87 |
| 53.5 | 116,675 | | 0.0000 | 1.0000 | 62.87 |
| 54.5 | 116,675 | | 0.0000 | 1.0000 | 62.87 |
| 55.5 | 99,015 | | 0.0000 | 1.0000 | 62.87 |
| 56.5 | 76,909 | | 0.0000 | 1.0000 | 62.87 |
| 57.5 | 71,666 | | 0.0000 | 1.0000 | 62.87 |
| 58.5 | 71,666 | | 0.0000 | 1.0000 | 62.87 |
| 59.5 | 71,666 | 84 | 0.0012 | 0.9988 | 62.87 |
| 60.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 61.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 62.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 63.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 64.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 65.5 | 71,582 | | 0.0000 | 1.0000 | 62.80 |
| 66.5 | 71,582 | 17,559 | 0.2453 | 0.7547 | 62.80 |
| 67.5 | 54,023 | | 0.0000 | 1.0000 | 47.39 |
| 68.5 | 54,023 | 1,344 | 0.0249 | 0.9751 | 47.39 |
| 69.5 | 52,679 | | 0.0000 | 1.0000 | 46.21 |
| 70.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 71.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 72.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 73.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 74.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 75.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 76.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 77.5 | 35,120 | | 0.0000 | 1.0000 | 46.21 |
| 78.5 | | | | | 46.21 |

DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 277,198,444 | 41,224 | 0.0001 | 0.9999 | 100.00 |
| 0.5 | 266,524,310 | 97,888 | 0.0004 | 0.9996 | 99.99 |
| 1.5 | 244,274,576 | 213,236 | 0.0009 | 0.9991 | 99.95 |
| 2.5 | 229,544,337 | 301,663 | 0.0013 | 0.9987 | 99.86 |
| 3.5 | 198,704,735 | 644,423 | 0.0032 | 0.9968 | 99.73 |
| 4.5 | 185,845,977 | 401,545 | 0.0022 | 0.9978 | 99.41 |
| 5.5 | 168,438,857 | 841,735 | 0.0050 | 0.9950 | 99.19 |
| 6.5 | 139,374,133 | 912,025 | 0.0065 | 0.9935 | 98.70 |
| 7.5 | 121,286,110 | 1,467,798 | 0.0121 | 0.9879 | 98.05 |
| 8.5 | 108,278,760 | 506,629 | 0.0047 | 0.9953 | 96.86 |
| 9.5 | 89,291,387 | 244,947 | 0.0027 | 0.9973 | 96.41 |
| 10.5 | 81,833,591 | 283,322 | 0.0035 | 0.9965 | 96.15 |
| 11.5 | 70,506,119 | 235,841 | 0.0033 | 0.9967 | 95.81 |
| 12.5 | 70,504,664 | 244,389 | 0.0035 | 0.9965 | 95.49 |
| 13.5 | 66,018,504 | 272,304 | 0.0041 | 0.9959 | 95.16 |
| 14.5 | 64,158,613 | 283,161 | 0.0044 | 0.9956 | 94.77 |
| 15.5 | 61,509,302 | 244,706 | 0.0040 | 0.9960 | 94.35 |
| 16.5 | 59,226,896 | 302,627 | 0.0051 | 0.9949 | 93.98 |
| 17.5 | 56,820,695 | 198,508 | 0.0035 | 0.9965 | 93.50 |
| 18.5 | 55,662,312 | 291,322 | 0.0052 | 0.9948 | 93.17 |
| 19.5 | 54,219,798 | 278,032 | 0.0051 | 0.9949 | 92.68 |
| 20.5 | 51,767,656 | 295,567 | 0.0057 | 0.9943 | 92.21 |
| 21.5 | 48,999,246 | 313,824 | 0.0064 | 0.9936 | 91.68 |
| 22.5 | 45,910,501 | 361,775 | 0.0079 | 0.9921 | 91.09 |
| 23.5 | 42,911,198 | 350,595 | 0.0082 | 0.9918 | 90.37 |
| 24.5 | 41,306,265 | 363,009 | 0.0088 | 0.9912 | 89.64 |
| 25.5 | 37,999,830 | 300,085 | 0.0079 | 0.9921 | 88.85 |
| 26.5 | 39,294,040 | 314,079 | 0.0080 | 0.9920 | 88.15 |
| 27.5 | 35,465,988 | 406,235 | 0.0115 | 0.9885 | 87.44 |
| 28.5 | 32,971,745 | 275,988 | 0.0084 | 0.9916 | 86.44 |
| 29.5 | 31,220,554 | 389,077 | 0.0125 | 0.9875 | 85.72 |
| 30.5 | 28,651,610 | 253,870 | 0.0089 | 0.9911 | 84.65 |
| 31.5 | 26,338,839 | 232,338 | 0.0088 | 0.9912 | 83.90 |
| 32.5 | 24,468,432 | 296,746 | 0.0121 | 0.9879 | 83.16 |
| 33.5 | 23,479,767 | 247,946 | 0.0106 | 0.9894 | 82.15 |
| 34.5 | 21,339,902 | 274,344 | 0.0129 | 0.9871 | 81.28 |
| 35.5 | 20,509,101 | 261,404 | 0.0127 | 0.9873 | 80.24 |
| 36.5 | 18,629,689 | 276,174 | 0.0148 | 0.9852 | 79.21 |
| 37.5 | 14,658,685 | 335,623 | 0.0229 | 0.9771 | 78.04 |
| 38.5 | 13,551,235 | 175,293 | 0.0129 | 0.9871 | 76.25 |

DUKE ENERGY CAROLINAS

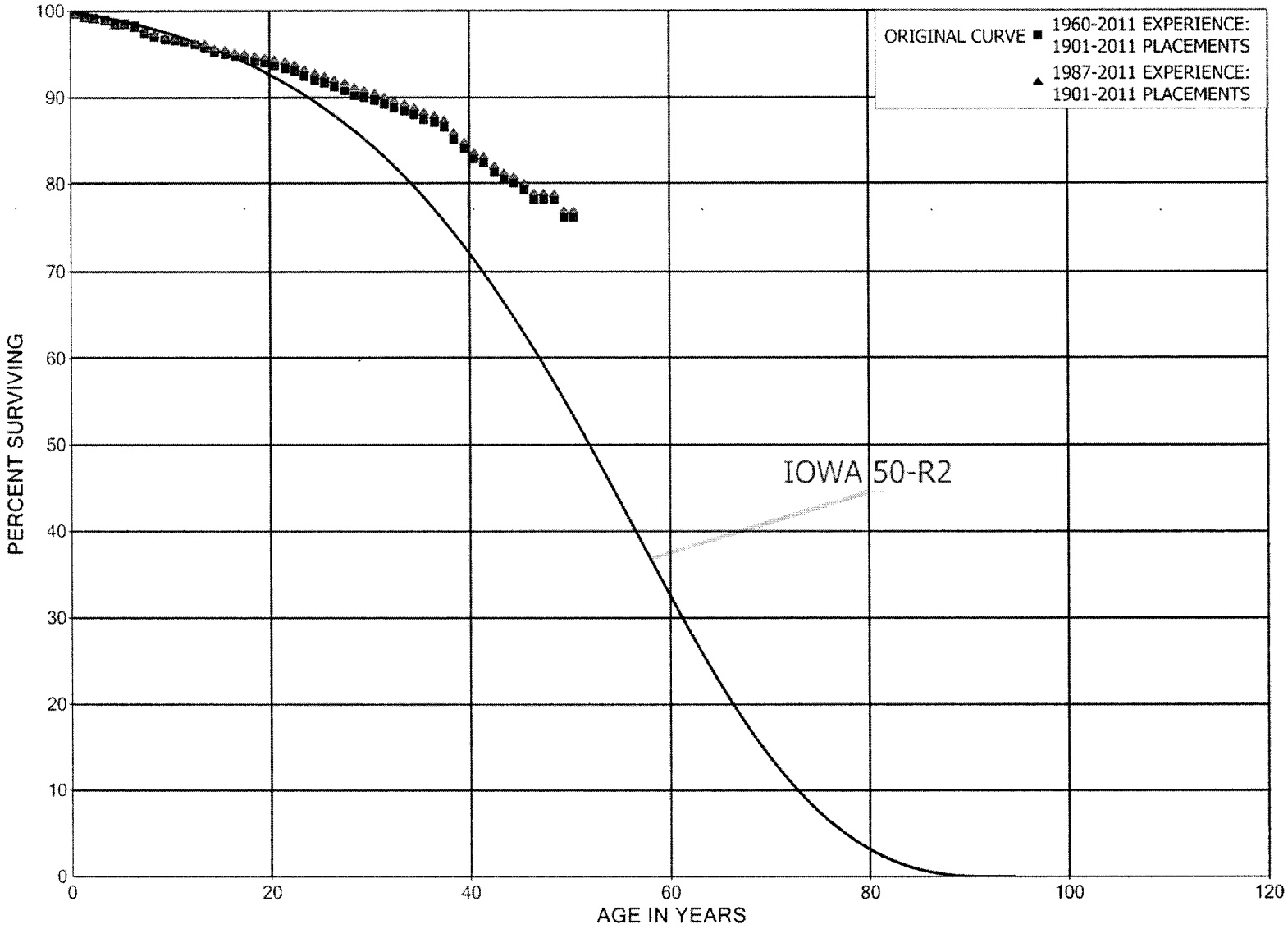
ACCOUNT 355 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 11,668,034 | 193,787 | 0.0166 | 0.9834 | 75.27 |
| 40.5 | 10,472,805 | 168,248 | 0.0161 | 0.9839 | 74.02 |
| 41.5 | 8,668,913 | 122,856 | 0.0142 | 0.9858 | 72.83 |
| 42.5 | 6,913,079 | 213,004 | 0.0308 | 0.9692 | 71.80 |
| 43.5 | 5,347,019 | 46,791 | 0.0088 | 0.9912 | 69.58 |
| 44.5 | 4,180,468 | 30,415 | 0.0073 | 0.9927 | 68.97 |
| 45.5 | 3,633,863 | 38,885 | 0.0107 | 0.9893 | 68.47 |
| 46.5 | 3,142,942 | 23,043 | 0.0073 | 0.9927 | 67.74 |
| 47.5 | 2,825,564 | 28,077 | 0.0099 | 0.9901 | 67.24 |
| 48.5 | 2,538,968 | 58,515 | 0.0230 | 0.9770 | 66.58 |
| 49.5 | 2,302,511 | 495 | 0.0002 | 0.9998 | 65.04 |
| 50.5 | 2,149,006 | 289 | 0.0001 | 0.9999 | 65.03 |
| 51.5 | 81,645 | 1,182 | 0.0145 | 0.9855 | 65.02 |
| 52.5 | 80,211 | | 0.0000 | 1.0000 | 64.08 |
| 53.5 | 116,675 | | 0.0000 | 1.0000 | 64.08 |
| 54.5 | 116,675 | | 0.0000 | 1.0000 | 64.08 |
| 55.5 | 99,015 | | 0.0000 | 1.0000 | 64.08 |
| 56.5 | 76,909 | | 0.0000 | 1.0000 | 64.08 |
| 57.5 | 71,666 | | 0.0000 | 1.0000 | 64.08 |
| 58.5 | 71,666 | | 0.0000 | 1.0000 | 64.08 |
| 59.5 | 71,666 | 84 | 0.0012 | 0.9988 | 64.08 |
| 60.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 61.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 62.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 63.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 64.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 65.5 | 71,582 | | 0.0000 | 1.0000 | 64.00 |
| 66.5 | 71,582 | 17,559 | 0.2453 | 0.7547 | 64.00 |
| 67.5 | 54,023 | | 0.0000 | 1.0000 | 48.30 |
| 68.5 | 54,023 | 1,344 | 0.0249 | 0.9751 | 48.30 |
| 69.5 | 52,679 | | 0.0000 | 1.0000 | 47.10 |
| 70.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 71.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 72.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 73.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 74.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 75.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 76.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 77.5 | 35,120 | | 0.0000 | 1.0000 | 47.10 |
| 78.5 | | | | | 47.10 |

DUKE ENERGY CAROLINAS
ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 566,326,769 | 2,062,110 | 0.0036 | 0.9964 | 100.00 |
| 0.5 | 557,000,817 | 2,205,950 | 0.0040 | 0.9960 | 99.64 |
| 1.5 | 534,998,121 | 561,429 | 0.0010 | 0.9990 | 99.24 |
| 2.5 | 491,570,037 | 1,139,262 | 0.0023 | 0.9977 | 99.14 |
| 3.5 | 460,390,372 | 1,183,002 | 0.0026 | 0.9974 | 98.91 |
| 4.5 | 434,039,413 | 710,607 | 0.0016 | 0.9984 | 98.65 |
| 5.5 | 397,319,508 | 887,147 | 0.0022 | 0.9978 | 98.49 |
| 6.5 | 368,863,294 | 3,104,199 | 0.0084 | 0.9916 | 98.27 |
| 7.5 | 343,184,326 | 1,566,823 | 0.0046 | 0.9954 | 97.44 |
| 8.5 | 327,754,837 | 1,179,547 | 0.0036 | 0.9964 | 97.00 |
| 9.5 | 310,614,766 | 456,649 | 0.0015 | 0.9985 | 96.65 |
| 10.5 | 304,467,388 | 509,732 | 0.0017 | 0.9983 | 96.51 |
| 11.5 | 297,408,960 | 1,020,097 | 0.0034 | 0.9966 | 96.35 |
| 12.5 | 292,460,878 | 997,644 | 0.0034 | 0.9966 | 96.02 |
| 13.5 | 287,344,750 | 1,535,346 | 0.0053 | 0.9947 | 95.69 |
| 14.5 | 279,098,810 | 617,646 | 0.0022 | 0.9978 | 95.18 |
| 15.5 | 272,030,585 | 822,944 | 0.0030 | 0.9970 | 94.97 |
| 16.5 | 252,418,811 | 595,311 | 0.0024 | 0.9976 | 94.68 |
| 17.5 | 241,776,667 | 839,656 | 0.0035 | 0.9965 | 94.46 |
| 18.5 | 236,781,728 | 563,976 | 0.0024 | 0.9976 | 94.13 |
| 19.5 | 233,875,645 | 815,547 | 0.0035 | 0.9965 | 93.90 |
| 20.5 | 221,779,412 | 595,147 | 0.0027 | 0.9973 | 93.58 |
| 21.5 | 208,991,458 | 779,297 | 0.0037 | 0.9963 | 93.33 |
| 22.5 | 199,584,154 | 1,302,266 | 0.0065 | 0.9935 | 92.98 |
| 23.5 | 193,844,071 | 852,513 | 0.0044 | 0.9956 | 92.37 |
| 24.5 | 189,163,346 | 743,592 | 0.0039 | 0.9961 | 91.96 |
| 25.5 | 181,105,252 | 857,914 | 0.0047 | 0.9953 | 91.60 |
| 26.5 | 175,970,674 | 760,248 | 0.0043 | 0.9957 | 91.17 |
| 27.5 | 167,692,190 | 1,019,952 | 0.0061 | 0.9939 | 90.78 |
| 28.5 | 161,208,754 | 532,579 | 0.0033 | 0.9967 | 90.22 |
| 29.5 | 148,702,470 | 490,564 | 0.0033 | 0.9967 | 89.93 |
| 30.5 | 139,389,715 | 709,774 | 0.0051 | 0.9949 | 89.63 |
| 31.5 | 133,049,591 | 588,050 | 0.0044 | 0.9956 | 89.17 |
| 32.5 | 127,699,476 | 523,463 | 0.0041 | 0.9959 | 88.78 |
| 33.5 | 122,886,679 | 692,269 | 0.0056 | 0.9944 | 88.41 |
| 34.5 | 113,172,115 | 667,111 | 0.0059 | 0.9941 | 87.92 |
| 35.5 | 108,151,726 | 377,517 | 0.0035 | 0.9965 | 87.40 |
| 36.5 | 100,142,942 | 615,375 | 0.0061 | 0.9939 | 87.09 |
| 37.5 | 75,005,245 | 1,289,306 | 0.0172 | 0.9828 | 86.56 |
| 38.5 | 65,113,787 | 790,075 | 0.0121 | 0.9879 | 85.07 |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 44,707,966 | 657,859 | 0.0147 | 0.9853 | 84.04 |
| 40.5 | 41,840,305 | 207,953 | 0.0050 | 0.9950 | 82.80 |
| 41.5 | 36,603,609 | 474,759 | 0.0130 | 0.9870 | 82.39 |
| 42.5 | 30,143,353 | 294,359 | 0.0098 | 0.9902 | 81.32 |
| 43.5 | 26,155,461 | 141,097 | 0.0054 | 0.9946 | 80.53 |
| 44.5 | 23,652,358 | 238,532 | 0.0101 | 0.9899 | 80.09 |
| 45.5 | 21,030,557 | 283,317 | 0.0135 | 0.9865 | 79.28 |
| 46.5 | 18,685,490 | 8,685 | 0.0005 | 0.9995 | 78.22 |
| 47.5 | 17,076,350 | 8,552 | 0.0005 | 0.9995 | 78.18 |
| 48.5 | 15,695,326 | 390,284 | 0.0249 | 0.9751 | 78.14 |
| 49.5 | 14,731,231 | 184 | 0.0000 | 1.0000 | 76.20 |
| 50.5 | 13,299,387 | | 0.0000 | 1.0000 | 76.20 |
| 51.5 | 299,839 | | 0.0000 | 1.0000 | 76.20 |
| 52.5 | 299,839 | | 0.0000 | 1.0000 | 76.20 |
| 53.5 | 299,839 | | 0.0000 | 1.0000 | 76.20 |
| 54.5 | 294,369 | | 0.0000 | 1.0000 | 76.20 |
| 55.5 | 292,219 | | 0.0000 | 1.0000 | 76.20 |
| 56.5 | 271,807 | | 0.0000 | 1.0000 | 76.20 |
| 57.5 | 267,601 | | 0.0000 | 1.0000 | 76.20 |
| 58.5 | 722,568 | | 0.0000 | 1.0000 | 76.20 |
| 59.5 | 722,568 | | 0.0000 | 1.0000 | 76.20 |
| 60.5 | 722,568 | | 0.0000 | 1.0000 | 76.20 |
| 61.5 | 716,428 | | 0.0000 | 1.0000 | 76.20 |
| 62.5 | 715,936 | | 0.0000 | 1.0000 | 76.20 |
| 63.5 | 715,936 | | 0.0000 | 1.0000 | 76.20 |
| 64.5 | 715,936 | | 0.0000 | 1.0000 | 76.20 |
| 65.5 | 715,936 | | 0.0000 | 1.0000 | 76.20 |
| 66.5 | 715,936 | 127,146 | 0.1776 | 0.8224 | 76.20 |
| 67.5 | 588,790 | 83,816 | 0.1424 | 0.8576 | 62.66 |
| 68.5 | 504,974 | | 0.0000 | 1.0000 | 53.74 |
| 69.5 | 504,974 | | 0.0000 | 1.0000 | 53.74 |
| 70.5 | 461,644 | | 0.0000 | 1.0000 | 53.74 |
| 71.5 | 456,237 | | 0.0000 | 1.0000 | 53.74 |
| 72.5 | 456,237 | | 0.0000 | 1.0000 | 53.74 |
| 73.5 | 456,237 | | 0.0000 | 1.0000 | 53.74 |
| 74.5 | 456,237 | | 0.0000 | 1.0000 | 53.74 |
| 75.5 | 455,633 | | 0.0000 | 1.0000 | 53.74 |
| 76.5 | 455,633 | | 0.0000 | 1.0000 | 53.74 |
| 77.5 | 455,633 | | 0.0000 | 1.0000 | 53.74 |
| 78.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 80.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 81.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 82.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 83.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 84.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 85.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 86.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 87.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 88.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 89.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 90.5 | 454,967 | | 0.0000 | 1.0000 | 53.74 |
| 91.5 | 454,967 | 206 | 0.0005 | 0.9995 | 53.74 |
| 92.5 | | | | | 53.72 |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 363,712,764 | 2,026,663 | 0.0056 | 0.9944 | 100.00 |
| 0.5 | 361,964,238 | 1,989,578 | 0.0055 | 0.9945 | 99.44 |
| 1.5 | 344,592,298 | 381,056 | 0.0011 | 0.9989 | 98.90 |
| 2.5 | 309,057,855 | 679,385 | 0.0022 | 0.9978 | 98.79 |
| 3.5 | 284,507,167 | 985,823 | 0.0035 | 0.9965 | 98.57 |
| 4.5 | 270,644,125 | 288,825 | 0.0011 | 0.9989 | 98.23 |
| 5.5 | 244,143,469 | 723,784 | 0.0030 | 0.9970 | 98.12 |
| 6.5 | 221,896,247 | 778,519 | 0.0035 | 0.9965 | 97.83 |
| 7.5 | 203,792,492 | 763,760 | 0.0037 | 0.9963 | 97.49 |
| 8.5 | 193,971,213 | 772,980 | 0.0040 | 0.9960 | 97.12 |
| 9.5 | 186,964,964 | 263,876 | 0.0014 | 0.9986 | 96.74 |
| 10.5 | 185,647,418 | 360,049 | 0.0019 | 0.9981 | 96.60 |
| 11.5 | 186,851,625 | 459,220 | 0.0025 | 0.9975 | 96.41 |
| 12.5 | 208,221,852 | 308,524 | 0.0015 | 0.9985 | 96.18 |
| 13.5 | 212,732,345 | 1,234,763 | 0.0058 | 0.9942 | 96.03 |
| 14.5 | 225,512,969 | 301,138 | 0.0013 | 0.9987 | 95.48 |
| 15.5 | 221,348,554 | 557,418 | 0.0025 | 0.9975 | 95.35 |
| 16.5 | 207,292,060 | 335,076 | 0.0016 | 0.9984 | 95.11 |
| 17.5 | 204,035,232 | 542,674 | 0.0027 | 0.9973 | 94.95 |
| 18.5 | 204,173,287 | 380,667 | 0.0019 | 0.9981 | 94.70 |
| 19.5 | 204,827,212 | 533,290 | 0.0026 | 0.9974 | 94.53 |
| 20.5 | 196,069,810 | 504,674 | 0.0026 | 0.9974 | 94.28 |
| 21.5 | 185,906,454 | 585,531 | 0.0031 | 0.9969 | 94.04 |
| 22.5 | 178,697,815 | 1,180,629 | 0.0066 | 0.9934 | 93.74 |
| 23.5 | 174,733,613 | 731,756 | 0.0042 | 0.9958 | 93.12 |
| 24.5 | 171,046,890 | 643,835 | 0.0038 | 0.9962 | 92.73 |
| 25.5 | 164,891,784 | 723,963 | 0.0044 | 0.9956 | 92.38 |
| 26.5 | 175,670,835 | 760,248 | 0.0043 | 0.9957 | 91.98 |
| 27.5 | 167,392,351 | 1,019,952 | 0.0061 | 0.9939 | 91.58 |
| 28.5 | 160,908,915 | 532,579 | 0.0033 | 0.9967 | 91.02 |
| 29.5 | 148,408,101 | 490,564 | 0.0033 | 0.9967 | 90.72 |
| 30.5 | 139,097,496 | 709,774 | 0.0051 | 0.9949 | 90.42 |
| 31.5 | 132,777,784 | 588,050 | 0.0044 | 0.9956 | 89.96 |
| 32.5 | 127,431,875 | 523,463 | 0.0041 | 0.9959 | 89.56 |
| 33.5 | 122,619,078 | 692,269 | 0.0056 | 0.9944 | 89.19 |
| 34.5 | 112,904,514 | 667,111 | 0.0059 | 0.9941 | 88.69 |
| 35.5 | 107,884,125 | 377,517 | 0.0035 | 0.9965 | 88.16 |
| 36.5 | 99,881,481 | 615,375 | 0.0062 | 0.9938 | 87.86 |
| 37.5 | 74,744,276 | 1,289,306 | 0.0172 | 0.9828 | 87.31 |
| 38.5 | 64,852,818 | 790,075 | 0.0122 | 0.9878 | 85.81 |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 44,446,997 | 657,859 | 0.0148 | 0.9852 | 84.76 |
| 40.5 | 41,579,336 | 207,953 | 0.0050 | 0.9950 | 83.51 |
| 41.5 | 36,342,640 | 474,759 | 0.0131 | 0.9869 | 83.09 |
| 42.5 | 29,882,384 | 294,359 | 0.0099 | 0.9901 | 82.01 |
| 43.5 | 25,894,492 | 141,097 | 0.0054 | 0.9946 | 81.20 |
| 44.5 | 23,391,389 | 238,532 | 0.0102 | 0.9898 | 80.75 |
| 45.5 | 21,023,880 | 283,317 | 0.0135 | 0.9865 | 79.93 |
| 46.5 | 18,684,220 | 8,685 | 0.0005 | 0.9995 | 78.85 |
| 47.5 | 17,075,080 | 8,552 | 0.0005 | 0.9995 | 78.82 |
| 48.5 | 15,694,056 | 390,284 | 0.0249 | 0.9751 | 78.78 |
| 49.5 | 14,729,961 | 184 | 0.0000 | 1.0000 | 76.82 |
| 50.5 | 13,298,721 | | 0.0000 | 1.0000 | 76.82 |
| 51.5 | 299,173 | | 0.0000 | 1.0000 | 76.82 |
| 52.5 | 299,173 | | 0.0000 | 1.0000 | 76.82 |
| 53.5 | 299,839 | | 0.0000 | 1.0000 | 76.82 |
| 54.5 | 294,369 | | 0.0000 | 1.0000 | 76.82 |
| 55.5 | 292,219 | | 0.0000 | 1.0000 | 76.82 |
| 56.5 | 271,807 | | 0.0000 | 1.0000 | 76.82 |
| 57.5 | 267,601 | | 0.0000 | 1.0000 | 76.82 |
| 58.5 | 267,601 | | 0.0000 | 1.0000 | 76.82 |
| 59.5 | 267,601 | | 0.0000 | 1.0000 | 76.82 |
| 60.5 | 267,601 | | 0.0000 | 1.0000 | 76.82 |
| 61.5 | 261,461 | | 0.0000 | 1.0000 | 76.82 |
| 62.5 | 260,969 | | 0.0000 | 1.0000 | 76.82 |
| 63.5 | 260,969 | | 0.0000 | 1.0000 | 76.82 |
| 64.5 | 260,969 | | 0.0000 | 1.0000 | 76.82 |
| 65.5 | 260,969 | | 0.0000 | 1.0000 | 76.82 |
| 66.5 | 260,969 | 127,146 | 0.4872 | 0.5128 | 76.82 |
| 67.5 | 133,823 | 83,816 | 0.6263 | 0.3737 | 39.39 |
| 68.5 | 50,007 | | 0.0000 | 1.0000 | 14.72 |
| 69.5 | 50,007 | | 0.0000 | 1.0000 | 14.72 |
| 70.5 | 6,677 | | 0.0000 | 1.0000 | 14.72 |
| 71.5 | 1,270 | | 0.0000 | 1.0000 | 14.72 |
| 72.5 | 1,270 | | 0.0000 | 1.0000 | 14.72 |
| 73.5 | 1,270 | | 0.0000 | 1.0000 | 14.72 |
| 74.5 | 1,270 | | 0.0000 | 1.0000 | 14.72 |
| 75.5 | 666 | | 0.0000 | 1.0000 | 14.72 |
| 76.5 | 666 | | 0.0000 | 1.0000 | 14.72 |
| 77.5 | 666 | | 0.0000 | 1.0000 | 14.72 |
| 78.5 | | | | | 14.72 |

DUKE ENERGY CAROLINAS

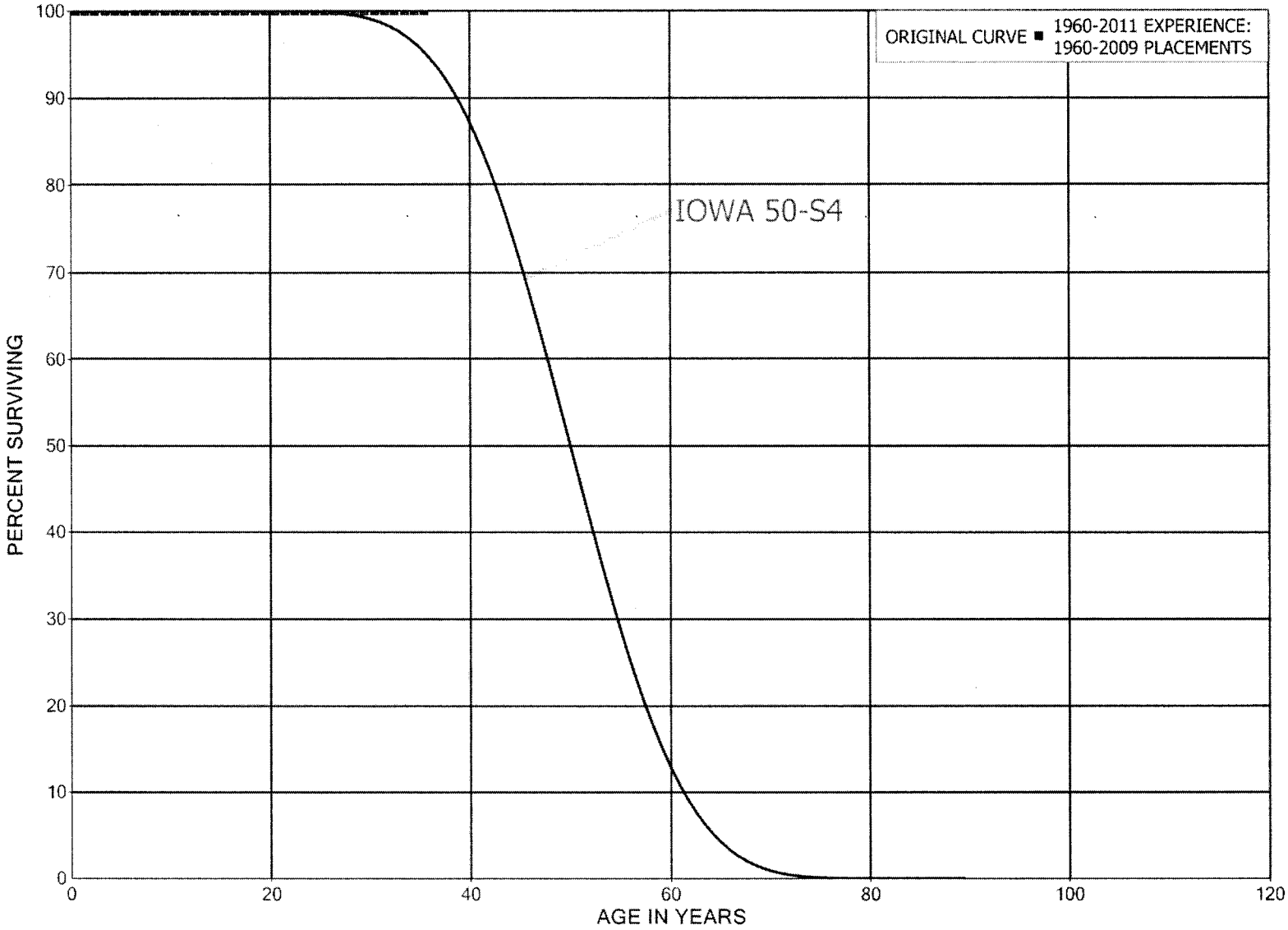
ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | | | | | |
| 80.5 | | | | | |
| 81.5 | | | | | |
| 82.5 | | | | | |
| 83.5 | | | | | |
| 84.5 | | | | | |
| 85.5 | 454,967 | | 0.0000 | | |
| 86.5 | 454,967 | | 0.0000 | | |
| 87.5 | 454,967 | | 0.0000 | | |
| 88.5 | 454,967 | | 0.0000 | | |
| 89.5 | 454,967 | | 0.0000 | | |
| 90.5 | 454,967 | | 0.0000 | | |
| 91.5 | 454,967 | 206 | 0.0005 | | |
| 92.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 357 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 357 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2009 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 110,392 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 110,392 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 110,392 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 105,047 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 105,047 | 93 | 0.0009 | 0.9991 | 100.00 |
| 20.5 | 104,954 | | 0.0000 | 1.0000 | 99.91 |
| 21.5 | 104,954 | | 0.0000 | 1.0000 | 99.91 |
| 22.5 | 104,954 | | 0.0000 | 1.0000 | 99.91 |
| 23.5 | 104,954 | | 0.0000 | 1.0000 | 99.91 |
| 24.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 25.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 26.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 27.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 28.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 29.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 30.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 31.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 32.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 33.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 34.5 | 53,974 | | 0.0000 | 1.0000 | 99.91 |
| 35.5 | 7,388 | | 0.0000 | 1.0000 | 99.91 |
| 36.5 | 7,388 | | 0.0000 | 1.0000 | 99.91 |
| 37.5 | 7,388 | | 0.0000 | 1.0000 | 99.91 |
| 38.5 | 4,248 | | 0.0000 | 1.0000 | 99.91 |

DUKE ENERGY CAROLINAS

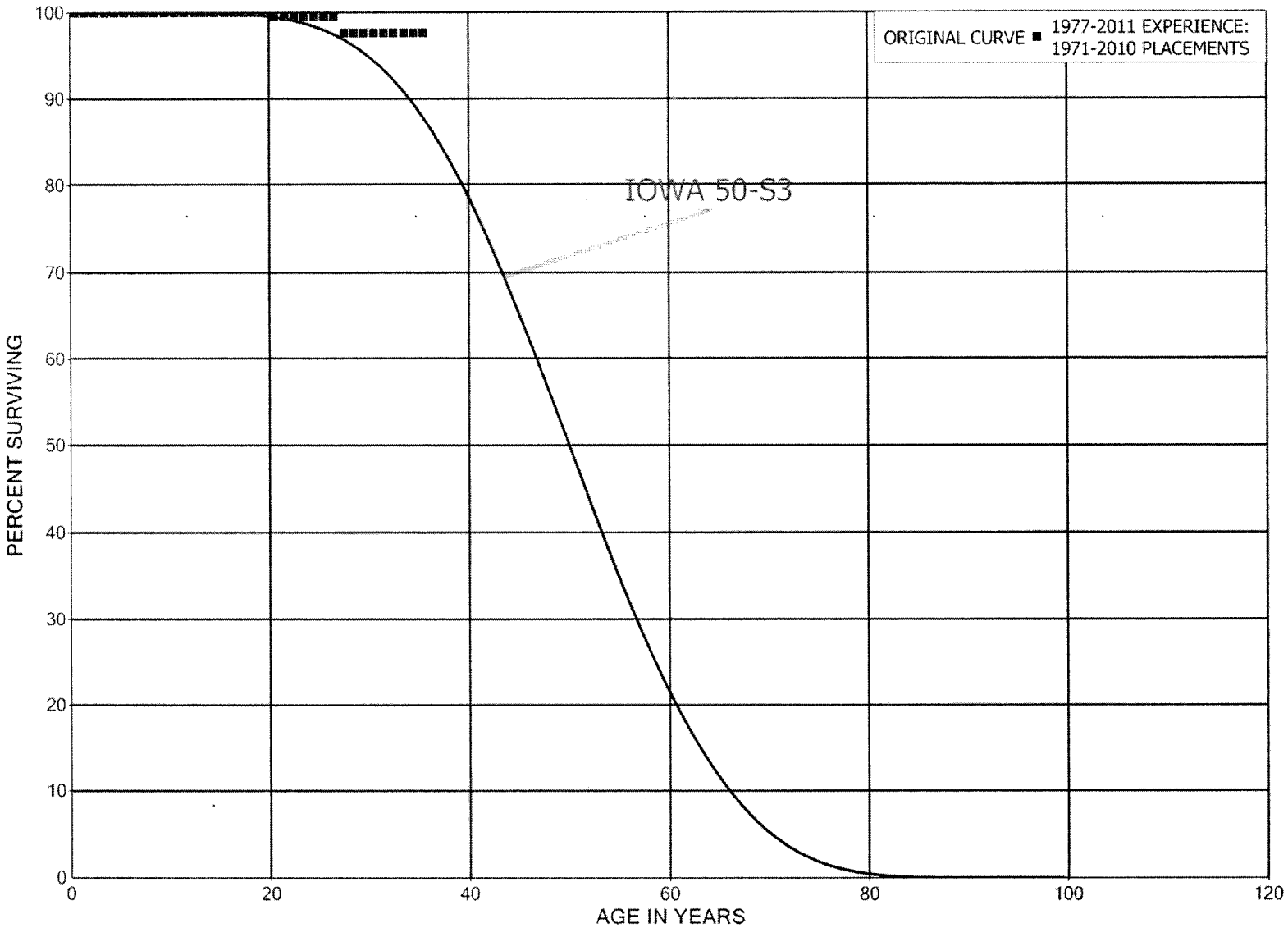
ACCOUNT 357 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2009 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 40.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 41.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 42.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 43.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 44.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 45.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 46.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 47.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 48.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 49.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 50.5 | 665 | | 0.0000 | 1.0000 | 99.91 |
| 51.5 | | | | | 99.91 |

DUKE ENERGY CAROLINAS
ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

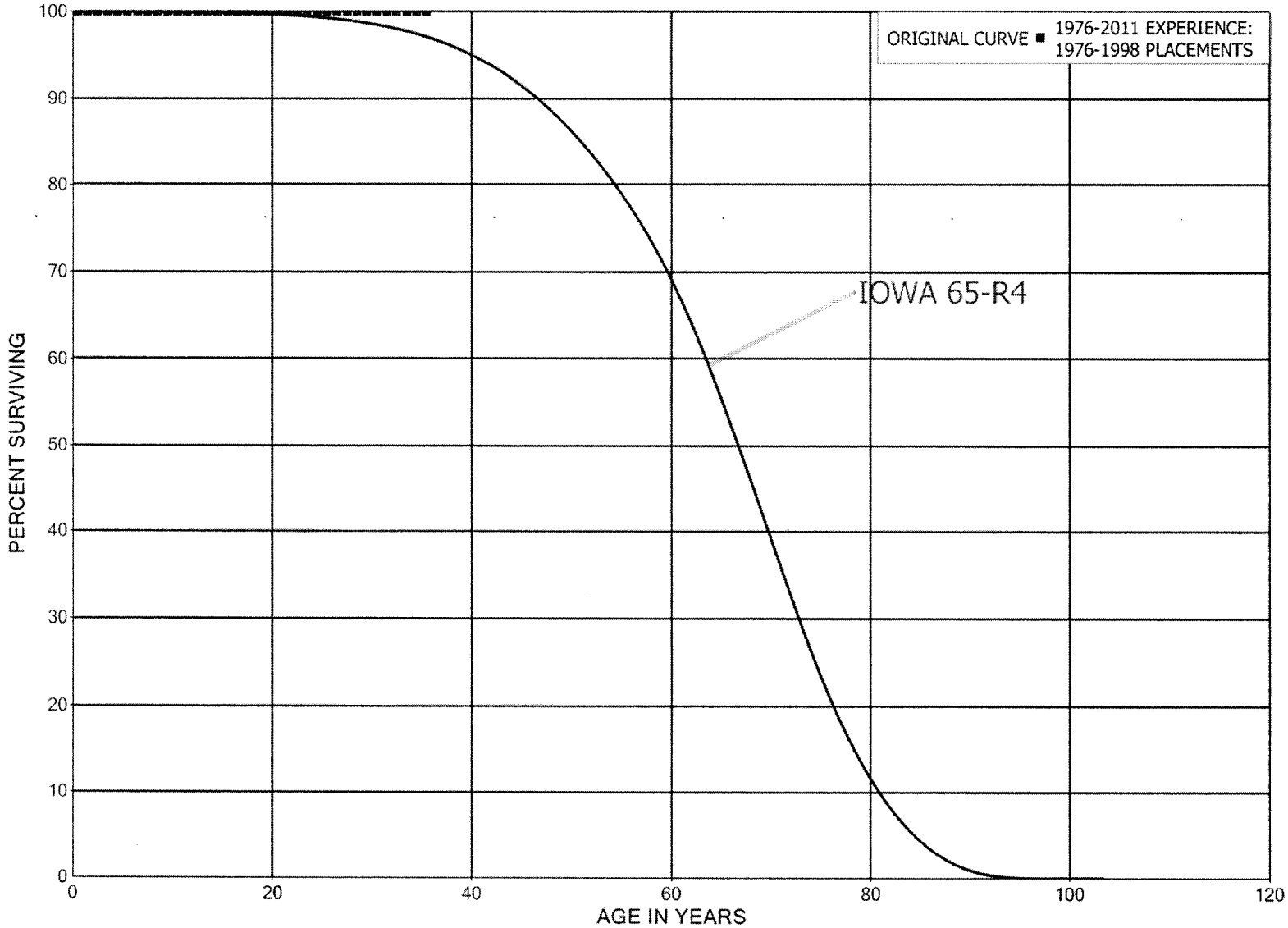
ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2010 EXPERIENCE BAND 1977-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 3,624,484 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 4,037,914 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 3,967,047 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 1,866,951 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 1,882,459 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 1,919,877 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 1,943,682 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 1,432,076 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 1,432,076 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 1,432,076 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 1,432,076 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 1,432,076 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 1,432,076 | 7,232 | 0.0051 | 0.9949 | 100.00 |
| 20.5 | 1,424,844 | | 0.0000 | 1.0000 | 99.49 |
| 21.5 | 1,424,844 | | 0.0000 | 1.0000 | 99.49 |
| 22.5 | 1,424,844 | | 0.0000 | 1.0000 | 99.49 |
| 23.5 | 1,424,844 | | 0.0000 | 1.0000 | 99.49 |
| 24.5 | 857,184 | | 0.0000 | 1.0000 | 99.49 |
| 25.5 | 857,184 | | 0.0000 | 1.0000 | 99.49 |
| 26.5 | 857,184 | 15,930 | 0.0186 | 0.9814 | 99.49 |
| 27.5 | 841,254 | | 0.0000 | 1.0000 | 97.65 |
| 28.5 | 841,254 | | 0.0000 | 1.0000 | 97.65 |
| 29.5 | 841,254 | | 0.0000 | 1.0000 | 97.65 |
| 30.5 | 841,254 | | 0.0000 | 1.0000 | 97.65 |
| 31.5 | 841,254 | | 0.0000 | 1.0000 | 97.65 |
| 32.5 | 515,959 | | 0.0000 | 1.0000 | 97.65 |
| 33.5 | 485,422 | | 0.0000 | 1.0000 | 97.65 |
| 34.5 | 485,422 | | 0.0000 | 1.0000 | 97.65 |
| 35.5 | 72,133 | | 0.0000 | 1.0000 | 97.65 |
| 36.5 | 60,801 | | 0.0000 | 1.0000 | 97.65 |
| 37.5 | 60,801 | | 0.0000 | 1.0000 | 97.65 |
| 38.5 | 45,293 | | 0.0000 | 1.0000 | 97.65 |
| 39.5 | 7,875 | | 0.0000 | 1.0000 | 97.65 |
| 40.5 | | | | | 97.65 |

DUKE ENERGY CAROLINAS
ACCOUNT 359 ROADS AND TRAILS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

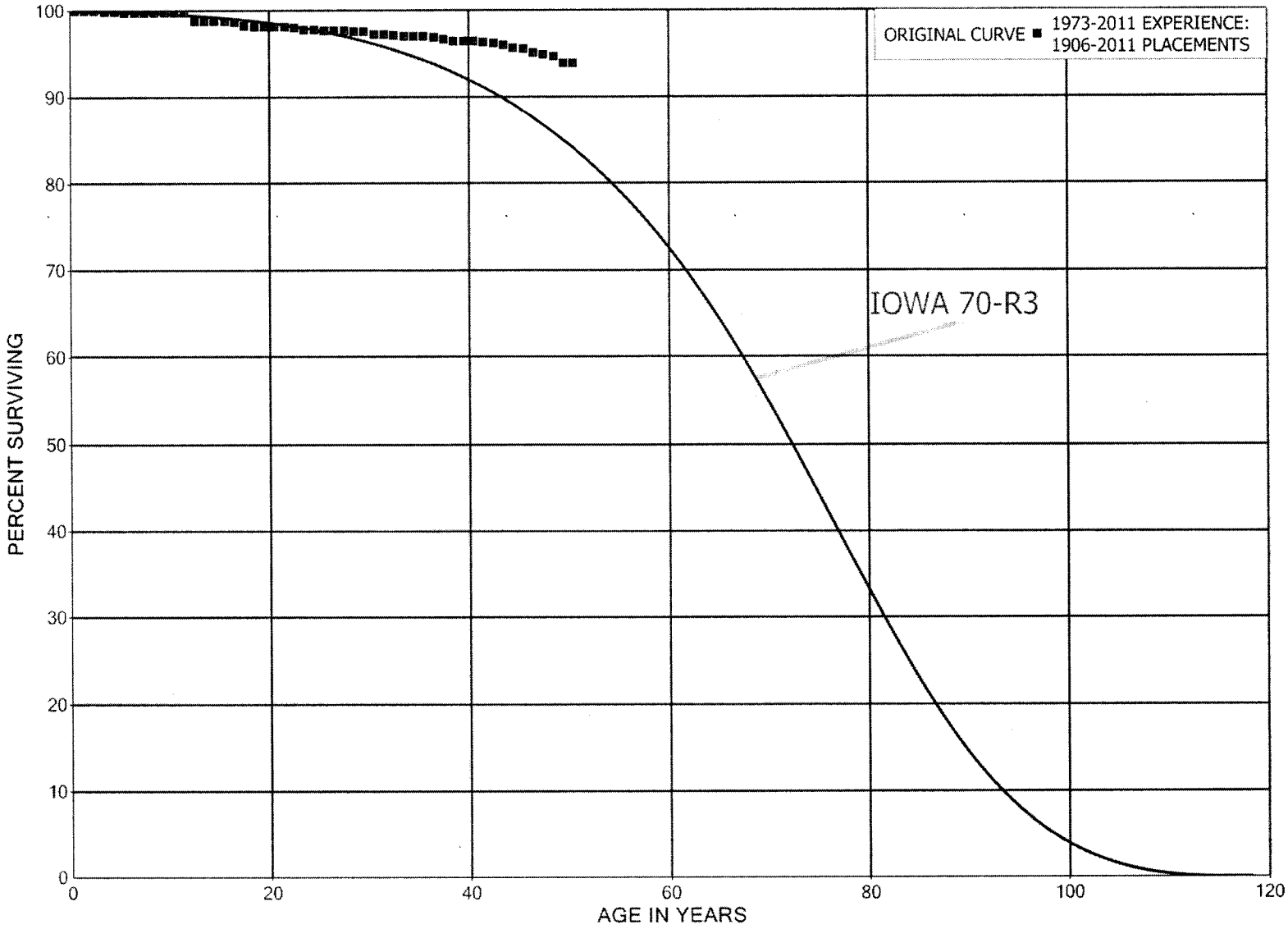
ACCOUNT 359 ROADS AND TRAILS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1976-1998 EXPERIENCE BAND 1976-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 42,238 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 41,544 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 41,544 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | 41,544 | | 0.0000 | 1.0000 | 100.00 |
| 16.5 | 41,544 | | 0.0000 | 1.0000 | 100.00 |
| 17.5 | 41,544 | | 0.0000 | 1.0000 | 100.00 |
| 18.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 19.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 20.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 21.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 22.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 23.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 24.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 25.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 26.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 27.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 28.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 29.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 30.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 31.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 32.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 33.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 34.5 | 2,044 | | 0.0000 | 1.0000 | 100.00 |
| 35.5 | | | | | 100.00 |

DUKE ENERGY CAROLINAS
ACCOUNT 360 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 360 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1906-2011 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 5,397,956 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 5,374,993 | 67 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 4,395,139 | 555 | 0.0001 | 0.9999 | 100.00 |
| 2.5 | 3,490,035 | 6,723 | 0.0019 | 0.9981 | 99.99 |
| 3.5 | 2,943,331 | 332 | 0.0001 | 0.9999 | 99.79 |
| 4.5 | 2,739,787 | 131 | 0.0000 | 1.0000 | 99.78 |
| 5.5 | 1,884,826 | | 0.0000 | 1.0000 | 99.78 |
| 6.5 | 1,775,844 | | 0.0000 | 1.0000 | 99.78 |
| 7.5 | 1,532,165 | 100 | 0.0001 | 0.9999 | 99.78 |
| 8.5 | 1,486,920 | | 0.0000 | 1.0000 | 99.77 |
| 9.5 | 1,164,325 | | 0.0000 | 1.0000 | 99.77 |
| 10.5 | 1,163,103 | 49 | 0.0000 | 1.0000 | 99.77 |
| 11.5 | 1,331,336 | 14,102 | 0.0106 | 0.9894 | 99.77 |
| 12.5 | 1,320,539 | 63 | 0.0000 | 1.0000 | 98.71 |
| 13.5 | 1,328,664 | 335 | 0.0003 | 0.9997 | 98.71 |
| 14.5 | 1,284,571 | 3 | 0.0000 | 1.0000 | 98.68 |
| 15.5 | 1,212,558 | 418 | 0.0003 | 0.9997 | 98.68 |
| 16.5 | 1,206,398 | 6,184 | 0.0051 | 0.9949 | 98.65 |
| 17.5 | 1,068,372 | 689 | 0.0006 | 0.9994 | 98.14 |
| 18.5 | 1,070,779 | | 0.0000 | 1.0000 | 98.08 |
| 19.5 | 1,113,607 | 274 | 0.0002 | 0.9998 | 98.08 |
| 20.5 | 1,066,981 | 203 | 0.0002 | 0.9998 | 98.05 |
| 21.5 | 998,536 | 708 | 0.0007 | 0.9993 | 98.03 |
| 22.5 | 835,166 | 1,999 | 0.0024 | 0.9976 | 97.96 |
| 23.5 | 802,008 | 105 | 0.0001 | 0.9999 | 97.73 |
| 24.5 | 858,153 | 562 | 0.0007 | 0.9993 | 97.72 |
| 25.5 | 835,707 | 415 | 0.0005 | 0.9995 | 97.65 |
| 26.5 | 795,676 | 70 | 0.0001 | 0.9999 | 97.61 |
| 27.5 | 758,614 | 916 | 0.0012 | 0.9988 | 97.60 |
| 28.5 | 703,040 | 197 | 0.0003 | 0.9997 | 97.48 |
| 29.5 | 659,211 | 1,746 | 0.0026 | 0.9974 | 97.45 |
| 30.5 | 588,389 | 190 | 0.0003 | 0.9997 | 97.19 |
| 31.5 | 546,094 | 352 | 0.0006 | 0.9994 | 97.16 |
| 32.5 | 519,802 | 704 | 0.0014 | 0.9986 | 97.10 |
| 33.5 | 489,702 | 34 | 0.0001 | 0.9999 | 96.97 |
| 34.5 | 464,447 | 177 | 0.0004 | 0.9996 | 96.96 |
| 35.5 | 460,717 | 502 | 0.0011 | 0.9989 | 96.92 |
| 36.5 | 437,983 | 1,116 | 0.0025 | 0.9975 | 96.82 |
| 37.5 | 428,196 | 735 | 0.0017 | 0.9983 | 96.57 |
| 38.5 | 399,872 | 175 | 0.0004 | 0.9996 | 96.41 |

DUKE ENERGY CAROLINAS

ACCOUNT 360 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2011 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 373,003 | 49 | 0.0001 | 0.9999 | 96.36 |
| 40.5 | 370,656 | 362 | 0.0010 | 0.9990 | 96.35 |
| 41.5 | 361,184 | 431 | 0.0012 | 0.9988 | 96.26 |
| 42.5 | 326,235 | 599 | 0.0018 | 0.9982 | 96.14 |
| 43.5 | 299,801 | 1,228 | 0.0041 | 0.9959 | 95.97 |
| 44.5 | 260,531 | 257 | 0.0010 | 0.9990 | 95.57 |
| 45.5 | 232,285 | 925 | 0.0040 | 0.9960 | 95.48 |
| 46.5 | 210,663 | 636 | 0.0030 | 0.9970 | 95.10 |
| 47.5 | 197,765 | 504 | 0.0025 | 0.9975 | 94.81 |
| 48.5 | 186,836 | 1,466 | 0.0078 | 0.9922 | 94.57 |
| 49.5 | 175,495 | | 0.0000 | 1.0000 | 93.83 |
| 50.5 | 17,339 | | 0.0000 | 1.0000 | 93.83 |
| 51.5 | 5,764 | | 0.0000 | 1.0000 | 93.83 |
| 52.5 | 4,441 | | 0.0000 | 1.0000 | 93.83 |
| 53.5 | 1,118 | | 0.0000 | 1.0000 | 93.83 |
| 54.5 | 1,639 | | 0.0000 | 1.0000 | 93.83 |
| 55.5 | 1,553 | | 0.0000 | 1.0000 | 93.83 |
| 56.5 | 1,648 | | 0.0000 | 1.0000 | 93.83 |
| 57.5 | 3,502 | | 0.0000 | 1.0000 | 93.83 |
| 58.5 | 4,553 | | 0.0000 | 1.0000 | 93.83 |
| 59.5 | 10,344 | | 0.0000 | 1.0000 | 93.83 |
| 60.5 | 13,398 | | 0.0000 | 1.0000 | 93.83 |
| 61.5 | 10,098 | | 0.0000 | 1.0000 | 93.83 |
| 62.5 | 7,817 | | 0.0000 | 1.0000 | 93.83 |
| 63.5 | 3,150 | | 0.0000 | 1.0000 | 93.83 |
| 64.5 | | | | | 93.83 |
| 65.5 | | | | | |
| 66.5 | | | | | |
| 67.5 | 1,087 | | 0.0000 | | |
| 68.5 | 2,356 | | 0.0000 | | |
| 69.5 | 1,269 | | 0.0000 | | |
| 70.5 | | | | | |
| 71.5 | 27 | | 0.0000 | | |
| 72.5 | 27 | | 0.0000 | | |
| 73.5 | | | | | |
| 74.5 | 2,501 | | 0.0000 | | |
| 75.5 | 3,081 | | 0.0000 | | |
| 76.5 | 2,565 | | 0.0000 | | |
| 77.5 | 9,871 | | 0.0000 | | |
| 78.5 | 8,618 | | 0.0000 | | |

DUKE ENERGY CAROLINAS

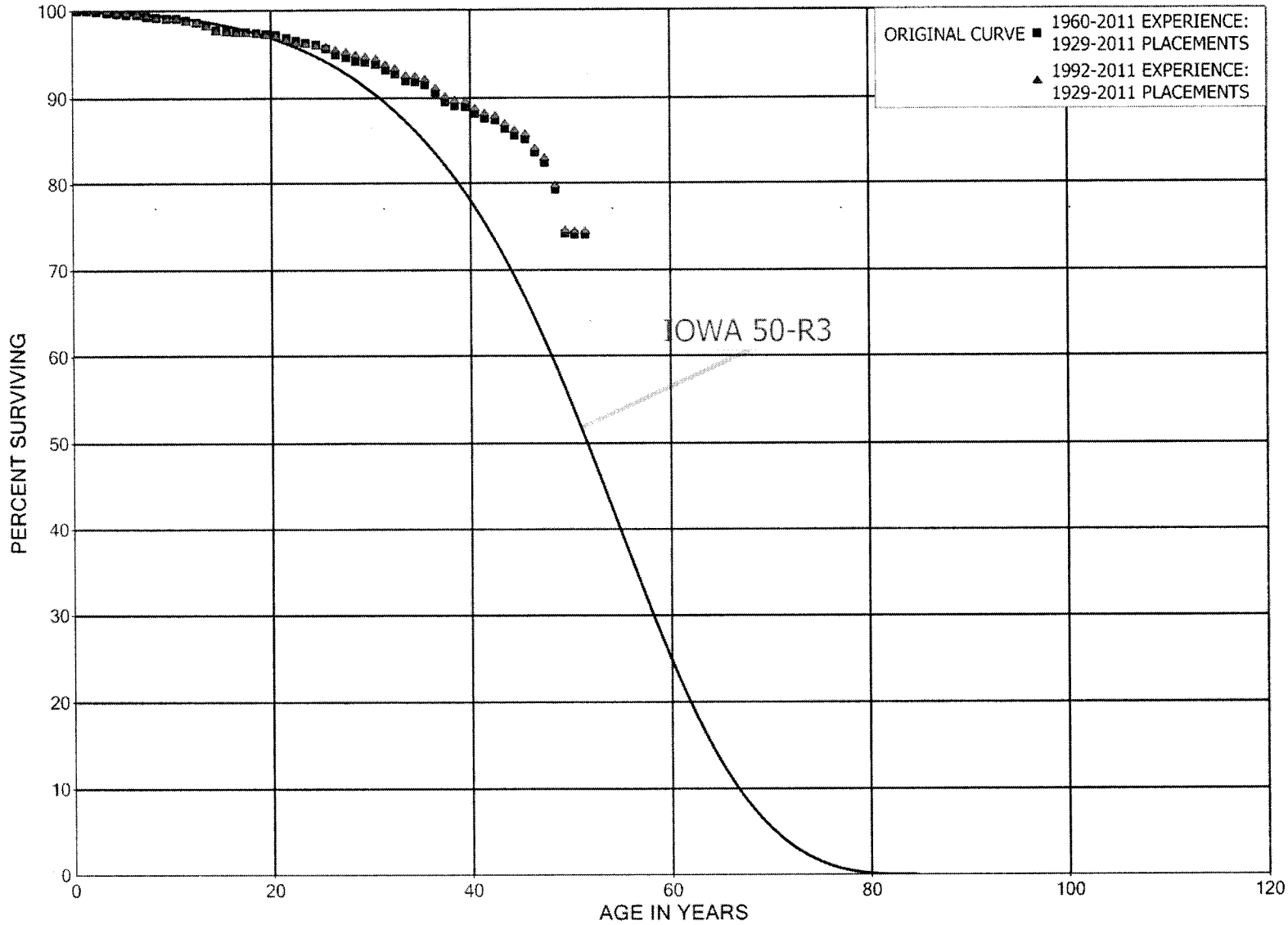
ACCOUNT 360 LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2011 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 18,984 | | 0.0000 | | |
| 80.5 | 19,162 | | 0.0000 | | |
| 81.5 | 9,060 | | 0.0000 | | |
| 82.5 | 8,262 | | 0.0000 | | |
| 83.5 | 8,262 | | 0.0000 | | |
| 84.5 | 8,150 | | 0.0000 | | |
| 85.5 | 8,150 | | 0.0000 | | |
| 86.5 | 8,150 | | 0.0000 | | |
| 87.5 | 8,150 | | 0.0000 | | |
| 88.5 | 8,150 | | 0.0000 | | |
| 89.5 | 8,150 | | 0.0000 | | |
| 90.5 | 8,150 | | 0.0000 | | |
| 91.5 | 8,150 | | 0.0000 | | |
| 92.5 | 8,150 | | 0.0000 | | |
| 93.5 | 8,150 | | 0.0000 | | |
| 94.5 | 8,150 | | 0.0000 | | |
| 95.5 | 8,150 | | 0.0000 | | |
| 96.5 | 8,150 | | 0.0000 | | |
| 97.5 | 8,150 | | 0.0000 | | |
| 98.5 | 8,150 | | 0.0000 | | |
| 99.5 | 8,150 | | 0.0000 | | |
| 100.5 | 8,150 | | 0.0000 | | |
| 101.5 | 8,150 | | 0.0000 | | |
| 102.5 | 8,150 | | 0.0000 | | |
| 103.5 | 8,150 | | 0.0000 | | |
| 104.5 | 8,150 | | 0.0000 | | |
| 105.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 361 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 50,871,827 | 3,814 | 0.0001 | 0.9999 | 100.00 |
| 0.5 | 50,214,058 | 33,737 | 0.0007 | 0.9993 | 99.99 |
| 1.5 | 48,208,738 | 35,760 | 0.0007 | 0.9993 | 99.93 |
| 2.5 | 39,405,067 | 35,222 | 0.0009 | 0.9991 | 99.85 |
| 3.5 | 34,643,627 | 47,466 | 0.0014 | 0.9986 | 99.76 |
| 4.5 | 30,281,799 | 31,204 | 0.0010 | 0.9990 | 99.63 |
| 5.5 | 26,153,856 | 7,510 | 0.0003 | 0.9997 | 99.52 |
| 6.5 | 22,491,589 | 48,925 | 0.0022 | 0.9978 | 99.49 |
| 7.5 | 21,013,261 | 31,551 | 0.0015 | 0.9985 | 99.28 |
| 8.5 | 20,088,994 | 22,434 | 0.0011 | 0.9989 | 99.13 |
| 9.5 | 18,002,249 | 435 | 0.0000 | 1.0000 | 99.02 |
| 10.5 | 17,993,974 | 40,207 | 0.0022 | 0.9978 | 99.02 |
| 11.5 | 17,746,460 | 22,466 | 0.0013 | 0.9987 | 98.79 |
| 12.5 | 17,589,509 | 62,855 | 0.0036 | 0.9964 | 98.67 |
| 13.5 | 17,090,717 | 100,112 | 0.0059 | 0.9941 | 98.32 |
| 14.5 | 16,502,666 | 17,656 | 0.0011 | 0.9989 | 97.74 |
| 15.5 | 16,027,451 | 17,077 | 0.0011 | 0.9989 | 97.64 |
| 16.5 | 15,805,291 | 4,819 | 0.0003 | 0.9997 | 97.53 |
| 17.5 | 14,596,765 | 9,489 | 0.0007 | 0.9993 | 97.50 |
| 18.5 | 13,907,505 | 18,968 | 0.0014 | 0.9986 | 97.44 |
| 19.5 | 12,935,352 | 16,436 | 0.0013 | 0.9987 | 97.31 |
| 20.5 | 12,412,010 | 49,773 | 0.0040 | 0.9960 | 97.18 |
| 21.5 | 10,948,113 | 28,674 | 0.0026 | 0.9974 | 96.79 |
| 22.5 | 9,570,650 | 25,464 | 0.0027 | 0.9973 | 96.54 |
| 23.5 | 8,610,327 | 16,446 | 0.0019 | 0.9981 | 96.28 |
| 24.5 | 8,390,128 | 46,686 | 0.0056 | 0.9944 | 96.10 |
| 25.5 | 7,743,069 | 53,070 | 0.0069 | 0.9931 | 95.56 |
| 26.5 | 6,989,326 | 19,172 | 0.0027 | 0.9973 | 94.91 |
| 27.5 | 6,622,817 | 30,473 | 0.0046 | 0.9954 | 94.65 |
| 28.5 | 6,057,833 | 11,895 | 0.0020 | 0.9980 | 94.21 |
| 29.5 | 5,630,009 | 14,159 | 0.0025 | 0.9975 | 94.03 |
| 30.5 | 4,895,539 | 34,580 | 0.0071 | 0.9929 | 93.79 |
| 31.5 | 4,571,675 | 17,768 | 0.0039 | 0.9961 | 93.13 |
| 32.5 | 3,777,847 | 33,731 | 0.0089 | 0.9911 | 92.77 |
| 33.5 | 3,453,974 | 4,094 | 0.0012 | 0.9988 | 91.94 |
| 34.5 | 3,352,587 | 11,127 | 0.0033 | 0.9967 | 91.83 |
| 35.5 | 2,798,090 | 29,454 | 0.0105 | 0.9895 | 91.52 |
| 36.5 | 2,517,378 | 28,097 | 0.0112 | 0.9888 | 90.56 |
| 37.5 | 2,203,828 | 11,337 | 0.0051 | 0.9949 | 89.55 |
| 38.5 | 2,028,469 | 3,776 | 0.0019 | 0.9981 | 89.09 |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,774,514 | 14,072 | 0.0079 | 0.9921 | 88.92 |
| 40.5 | 1,582,133 | 10,650 | 0.0067 | 0.9933 | 88.22 |
| 41.5 | 1,402,874 | 4,548 | 0.0032 | 0.9968 | 87.63 |
| 42.5 | 1,255,752 | 13,649 | 0.0109 | 0.9891 | 87.34 |
| 43.5 | 1,057,982 | 9,044 | 0.0085 | 0.9915 | 86.39 |
| 44.5 | 915,543 | 4,755 | 0.0052 | 0.9948 | 85.65 |
| 45.5 | 774,063 | 14,721 | 0.0190 | 0.9810 | 85.21 |
| 46.5 | 655,708 | 9,122 | 0.0139 | 0.9861 | 83.59 |
| 47.5 | 598,732 | 22,813 | 0.0381 | 0.9619 | 82.43 |
| 48.5 | 492,875 | 31,898 | 0.0647 | 0.9353 | 79.28 |
| 49.5 | 382,271 | 553 | 0.0014 | 0.9986 | 74.15 |
| 50.5 | 343,163 | | 0.0000 | 1.0000 | 74.05 |
| 51.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 52.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 53.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 54.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 55.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 56.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 57.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 58.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 59.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 60.5 | 3,410 | | 0.0000 | 1.0000 | 74.05 |
| 61.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 62.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 63.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 64.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 65.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 66.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 67.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 68.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 69.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 70.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 71.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 72.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 73.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 74.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 75.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 76.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 77.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 78.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 80.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 81.5 | 2,817 | | 0.0000 | 1.0000 | 74.05 |
| 82.5 | | | | | 74.05 |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 38,771,210 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 38,683,410 | 6,881 | 0.0002 | 0.9998 | 100.00 |
| 1.5 | 38,106,225 | 11,228 | 0.0003 | 0.9997 | 99.98 |
| 2.5 | 30,797,630 | 35,222 | 0.0011 | 0.9989 | 99.95 |
| 3.5 | 26,928,838 | 46,488 | 0.0017 | 0.9983 | 99.84 |
| 4.5 | 22,734,757 | 17,429 | 0.0008 | 0.9992 | 99.67 |
| 5.5 | 19,134,586 | 7,510 | 0.0004 | 0.9996 | 99.59 |
| 6.5 | 16,067,994 | 46,340 | 0.0029 | 0.9971 | 99.55 |
| 7.5 | 14,939,369 | 31,551 | 0.0021 | 0.9979 | 99.26 |
| 8.5 | 14,506,844 | 22,434 | 0.0015 | 0.9985 | 99.05 |
| 9.5 | 12,829,774 | 435 | 0.0000 | 1.0000 | 98.90 |
| 10.5 | 13,538,697 | 37,899 | 0.0028 | 0.9972 | 98.90 |
| 11.5 | 13,752,722 | 22,466 | 0.0016 | 0.9984 | 98.62 |
| 12.5 | 14,332,848 | 62,791 | 0.0044 | 0.9956 | 98.46 |
| 13.5 | 14,079,171 | 73,721 | 0.0052 | 0.9948 | 98.03 |
| 14.5 | 13,603,324 | 16,377 | 0.0012 | 0.9988 | 97.51 |
| 15.5 | 13,658,338 | 15,896 | 0.0012 | 0.9988 | 97.40 |
| 16.5 | 13,706,139 | 4,819 | 0.0004 | 0.9996 | 97.28 |
| 17.5 | 12,768,581 | 8,489 | 0.0007 | 0.9993 | 97.25 |
| 18.5 | 12,214,775 | 18,968 | 0.0016 | 0.9984 | 97.19 |
| 19.5 | 11,443,164 | 13,840 | 0.0012 | 0.9988 | 97.03 |
| 20.5 | 11,051,525 | 49,773 | 0.0045 | 0.9955 | 96.92 |
| 21.5 | 9,703,704 | 28,674 | 0.0030 | 0.9970 | 96.48 |
| 22.5 | 8,452,842 | 12,788 | 0.0015 | 0.9985 | 96.20 |
| 23.5 | 7,670,257 | 15,946 | 0.0021 | 0.9979 | 96.05 |
| 24.5 | 7,582,381 | 13,917 | 0.0018 | 0.9982 | 95.85 |
| 25.5 | 7,072,006 | 18,049 | 0.0026 | 0.9974 | 95.67 |
| 26.5 | 6,434,404 | 18,170 | 0.0028 | 0.9972 | 95.43 |
| 27.5 | 6,098,602 | 23,086 | 0.0038 | 0.9962 | 95.16 |
| 28.5 | 5,599,014 | 11,895 | 0.0021 | 0.9979 | 94.80 |
| 29.5 | 5,241,140 | 14,159 | 0.0027 | 0.9973 | 94.60 |
| 30.5 | 4,536,274 | 31,403 | 0.0069 | 0.9931 | 94.34 |
| 31.5 | 4,568,265 | 17,768 | 0.0039 | 0.9961 | 93.69 |
| 32.5 | 3,774,437 | 33,731 | 0.0089 | 0.9911 | 93.33 |
| 33.5 | 3,450,564 | 4,094 | 0.0012 | 0.9988 | 92.49 |
| 34.5 | 3,349,177 | 11,127 | 0.0033 | 0.9967 | 92.38 |
| 35.5 | 2,794,680 | 29,454 | 0.0105 | 0.9895 | 92.08 |
| 36.5 | 2,513,968 | 28,097 | 0.0112 | 0.9888 | 91.10 |
| 37.5 | 2,200,418 | 11,337 | 0.0052 | 0.9948 | 90.09 |
| 38.5 | 2,025,059 | 3,776 | 0.0019 | 0.9981 | 89.62 |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 1,771,104 | 14,072 | 0.0079 | 0.9921 | 89.46 |
| 40.5 | 1,578,723 | 10,650 | 0.0067 | 0.9933 | 88.74 |
| 41.5 | 1,400,057 | 4,548 | 0.0032 | 0.9968 | 88.15 |
| 42.5 | 1,252,935 | 13,649 | 0.0109 | 0.9891 | 87.86 |
| 43.5 | 1,055,165 | 9,044 | 0.0086 | 0.9914 | 86.90 |
| 44.5 | 912,726 | 4,755 | 0.0052 | 0.9948 | 86.16 |
| 45.5 | 771,246 | 14,721 | 0.0191 | 0.9809 | 85.71 |
| 46.5 | 652,891 | 9,122 | 0.0140 | 0.9860 | 84.07 |
| 47.5 | 595,915 | 22,813 | 0.0383 | 0.9617 | 82.90 |
| 48.5 | 490,058 | 31,898 | 0.0651 | 0.9349 | 79.72 |
| 49.5 | 379,454 | 553 | 0.0015 | 0.9985 | 74.54 |
| 50.5 | 340,346 | | 0.0000 | 1.0000 | 74.43 |
| 51.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 52.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 53.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 54.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 55.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 56.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 57.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 58.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 59.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 60.5 | 593 | | 0.0000 | 1.0000 | 74.43 |
| 61.5 | | | | | 74.43 |
| 62.5 | 2,817 | | 0.0000 | | |
| 63.5 | 2,817 | | 0.0000 | | |
| 64.5 | 2,817 | | 0.0000 | | |
| 65.5 | 2,817 | | 0.0000 | | |
| 66.5 | 2,817 | | 0.0000 | | |
| 67.5 | 2,817 | | 0.0000 | | |
| 68.5 | 2,817 | | 0.0000 | | |
| 69.5 | 2,817 | | 0.0000 | | |
| 70.5 | 2,817 | | 0.0000 | | |
| 71.5 | 2,817 | | 0.0000 | | |
| 72.5 | 2,817 | | 0.0000 | | |
| 73.5 | 2,817 | | 0.0000 | | |
| 74.5 | 2,817 | | 0.0000 | | |
| 75.5 | 2,817 | | 0.0000 | | |
| 76.5 | 2,817 | | 0.0000 | | |
| 77.5 | 2,817 | | 0.0000 | | |
| 78.5 | 2,817 | | 0.0000 | | |

DUKE ENERGY CAROLINAS

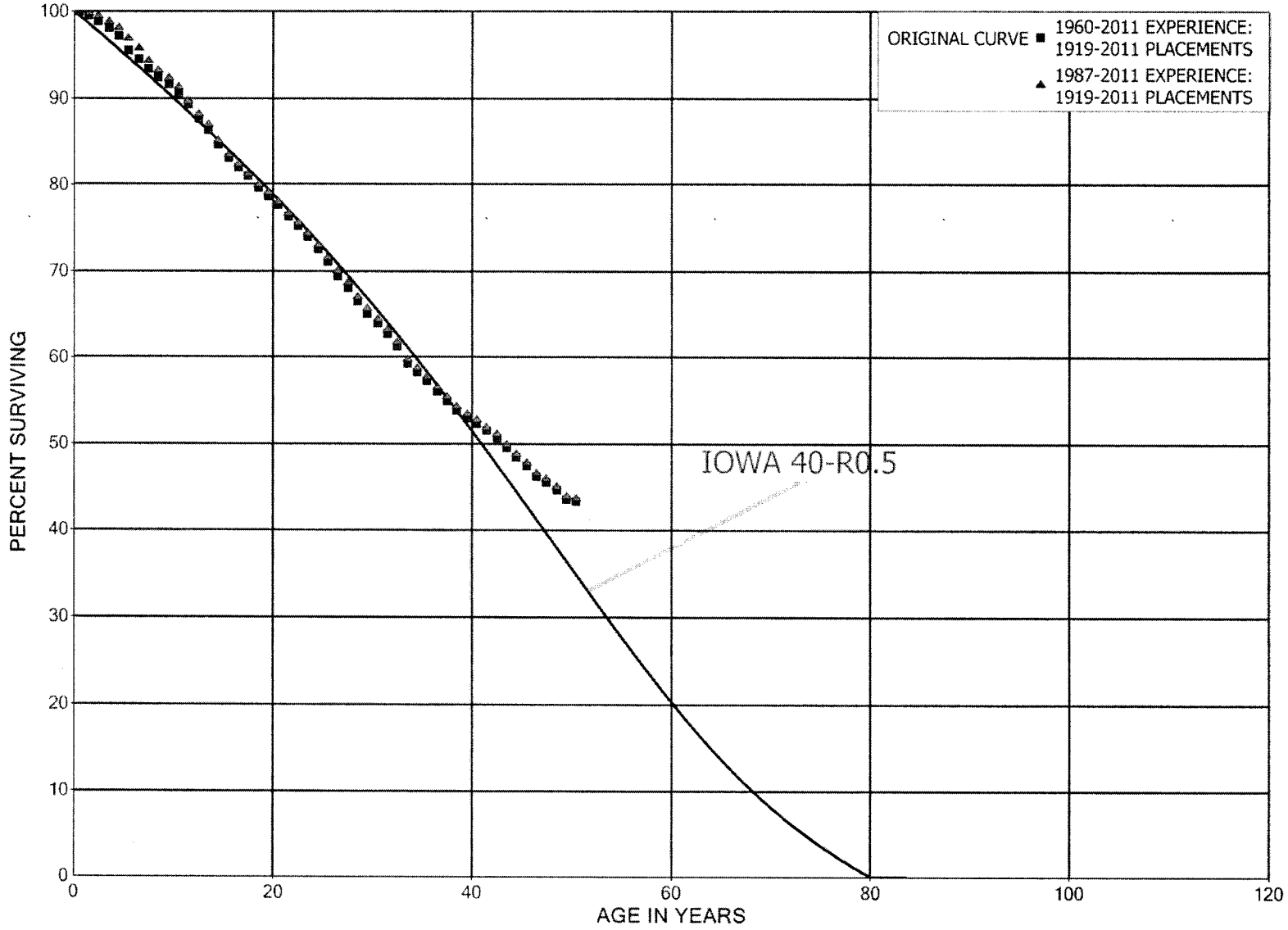
ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 2,817 | | 0.0000 | | |
| 80.5 | 2,817 | | 0.0000 | | |
| 81.5 | 2,817 | | 0.0000 | | |
| 82.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 362 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,129,291,838 | 432,331 | 0.0004 | 0.9996 | 100.00 |
| 0.5 | 1,007,283,994 | 4,237,642 | 0.0042 | 0.9958 | 99.96 |
| 1.5 | 924,527,692 | 6,450,003 | 0.0070 | 0.9930 | 99.54 |
| 2.5 | 863,351,433 | 6,616,404 | 0.0077 | 0.9923 | 98.85 |
| 3.5 | 782,926,534 | 7,612,326 | 0.0097 | 0.9903 | 98.09 |
| 4.5 | 730,258,058 | 12,199,680 | 0.0167 | 0.9833 | 97.14 |
| 5.5 | 650,353,914 | 6,842,640 | 0.0105 | 0.9895 | 95.51 |
| 6.5 | 594,335,157 | 7,304,008 | 0.0123 | 0.9877 | 94.51 |
| 7.5 | 563,299,146 | 5,833,590 | 0.0104 | 0.9896 | 93.35 |
| 8.5 | 533,345,117 | 4,579,179 | 0.0086 | 0.9914 | 92.38 |
| 9.5 | 490,154,789 | 5,907,939 | 0.0121 | 0.9879 | 91.59 |
| 10.5 | 455,860,248 | 6,078,063 | 0.0133 | 0.9867 | 90.48 |
| 11.5 | 424,279,538 | 8,045,596 | 0.0190 | 0.9810 | 89.28 |
| 12.5 | 413,652,247 | 5,979,575 | 0.0145 | 0.9855 | 87.58 |
| 13.5 | 401,257,218 | 8,087,424 | 0.0202 | 0.9798 | 86.32 |
| 14.5 | 388,513,930 | 7,184,283 | 0.0185 | 0.9815 | 84.58 |
| 15.5 | 376,364,405 | 4,879,653 | 0.0130 | 0.9870 | 83.01 |
| 16.5 | 367,827,633 | 4,630,684 | 0.0126 | 0.9874 | 81.94 |
| 17.5 | 355,874,829 | 5,469,920 | 0.0154 | 0.9846 | 80.91 |
| 18.5 | 341,477,169 | 4,419,287 | 0.0129 | 0.9871 | 79.66 |
| 19.5 | 321,400,505 | 4,335,461 | 0.0135 | 0.9865 | 78.63 |
| 20.5 | 302,305,725 | 5,215,157 | 0.0173 | 0.9827 | 77.57 |
| 21.5 | 274,936,846 | 3,898,403 | 0.0142 | 0.9858 | 76.23 |
| 22.5 | 250,560,804 | 3,969,504 | 0.0158 | 0.9842 | 75.15 |
| 23.5 | 235,200,816 | 4,659,882 | 0.0198 | 0.9802 | 73.96 |
| 24.5 | 221,852,144 | 4,389,035 | 0.0198 | 0.9802 | 72.50 |
| 25.5 | 204,092,607 | 4,655,436 | 0.0228 | 0.9772 | 71.06 |
| 26.5 | 187,995,134 | 3,628,243 | 0.0193 | 0.9807 | 69.44 |
| 27.5 | 179,057,971 | 4,257,113 | 0.0238 | 0.9762 | 68.10 |
| 28.5 | 169,504,397 | 3,623,070 | 0.0214 | 0.9786 | 66.48 |
| 29.5 | 160,675,734 | 2,798,565 | 0.0174 | 0.9826 | 65.06 |
| 30.5 | 150,728,504 | 2,890,242 | 0.0192 | 0.9808 | 63.93 |
| 31.5 | 142,553,517 | 3,192,379 | 0.0224 | 0.9776 | 62.70 |
| 32.5 | 133,991,950 | 4,413,244 | 0.0329 | 0.9671 | 61.30 |
| 33.5 | 128,244,948 | 2,150,769 | 0.0168 | 0.9832 | 59.28 |
| 34.5 | 123,879,068 | 2,137,840 | 0.0173 | 0.9827 | 58.28 |
| 35.5 | 115,108,432 | 2,431,877 | 0.0211 | 0.9789 | 57.28 |
| 36.5 | 99,221,973 | 2,026,355 | 0.0204 | 0.9796 | 56.07 |
| 37.5 | 87,526,755 | 1,759,057 | 0.0201 | 0.9799 | 54.92 |
| 38.5 | 80,244,916 | 1,245,019 | 0.0155 | 0.9845 | 53.82 |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 64,420,340 | 815,538 | 0.0127 | 0.9873 | 52.98 |
| 40.5 | 59,299,288 | 978,126 | 0.0165 | 0.9835 | 52.31 |
| 41.5 | 51,981,058 | 830,805 | 0.0160 | 0.9840 | 51.45 |
| 42.5 | 40,916,435 | 929,233 | 0.0227 | 0.9773 | 50.63 |
| 43.5 | 33,844,998 | 741,298 | 0.0219 | 0.9781 | 49.48 |
| 44.5 | 27,692,545 | 584,427 | 0.0211 | 0.9789 | 48.39 |
| 45.5 | 22,791,448 | 582,376 | 0.0256 | 0.9744 | 47.37 |
| 46.5 | 17,902,832 | 272,983 | 0.0152 | 0.9848 | 46.16 |
| 47.5 | 15,821,400 | 305,255 | 0.0193 | 0.9807 | 45.46 |
| 48.5 | 12,694,144 | 293,960 | 0.0232 | 0.9768 | 44.58 |
| 49.5 | 15,002,374 | 84,207 | 0.0056 | 0.9944 | 43.55 |
| 50.5 | 13,063,882 | 180,643 | 0.0138 | 0.9862 | 43.30 |
| 51.5 | 153,081 | 4,856 | 0.0317 | 0.9683 | 42.71 |
| 52.5 | 143,955 | | 0.0000 | 1.0000 | 41.35 |
| 53.5 | 127,776 | | 0.0000 | 1.0000 | 41.35 |
| 54.5 | 89,802 | | 0.0000 | 1.0000 | 41.35 |
| 55.5 | 84,804 | 12,226 | 0.1442 | 0.8558 | 41.35 |
| 56.5 | 79,492 | | 0.0000 | 1.0000 | 35.39 |
| 57.5 | 71,307 | | 0.0000 | 1.0000 | 35.39 |
| 58.5 | 71,005 | | 0.0000 | 1.0000 | 35.39 |
| 59.5 | 65,586 | | 0.0000 | 1.0000 | 35.39 |
| 60.5 | 65,586 | | 0.0000 | 1.0000 | 35.39 |
| 61.5 | 62,850 | | 0.0000 | 1.0000 | 35.39 |
| 62.5 | 56,143 | | 0.0000 | 1.0000 | 35.39 |
| 63.5 | 50,927 | | 0.0000 | 1.0000 | 35.39 |
| 64.5 | 50,777 | | 0.0000 | 1.0000 | 35.39 |
| 65.5 | 50,120 | 16,263 | 0.3245 | 0.6755 | 35.39 |
| 66.5 | 31,895 | | 0.0000 | 1.0000 | 23.91 |
| 67.5 | 31,896 | 1 | 0.0000 | 1.0000 | 23.91 |
| 68.5 | 34,174 | | 0.0000 | 1.0000 | 23.91 |
| 69.5 | 14,631 | | 0.0000 | 1.0000 | 23.91 |
| 70.5 | 13,365 | | 0.0000 | 1.0000 | 23.91 |
| 71.5 | 12,950 | | 0.0000 | 1.0000 | 23.91 |
| 72.5 | 12,733 | | 0.0000 | 1.0000 | 23.91 |
| 73.5 | 12,483 | | 0.0000 | 1.0000 | 23.91 |
| 74.5 | 12,483 | | 0.0000 | 1.0000 | 23.91 |
| 75.5 | 12,356 | | 0.0000 | 1.0000 | 23.91 |
| 76.5 | 11,734 | | 0.0000 | 1.0000 | 23.91 |
| 77.5 | 10,646 | | 0.0000 | 1.0000 | 23.91 |
| 78.5 | 9,893 | | 0.0000 | 1.0000 | 23.91 |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 7,971 | | 0.0000 | 1.0000 | 23.91 |
| 80.5 | 7,971 | | 0.0000 | 1.0000 | 23.91 |
| 81.5 | 6,964 | | 0.0000 | 1.0000 | 23.91 |
| 82.5 | 5,652 | | 0.0000 | 1.0000 | 23.91 |
| 83.5 | 5,652 | | 0.0000 | 1.0000 | 23.91 |
| 84.5 | 5,652 | | 0.0000 | 1.0000 | 23.91 |
| 85.5 | | | | | 23.91 |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 838,502,938 | 156,022 | 0.0002 | 0.9998 | 100.00 |
| 0.5 | 729,453,996 | 1,492,304 | 0.0020 | 0.9980 | 99.98 |
| 1.5 | 667,229,116 | 2,640,471 | 0.0040 | 0.9960 | 99.78 |
| 2.5 | 622,332,750 | 3,813,713 | 0.0061 | 0.9939 | 99.38 |
| 3.5 | 556,298,565 | 4,229,949 | 0.0076 | 0.9924 | 98.77 |
| 4.5 | 517,482,115 | 6,260,624 | 0.0121 | 0.9879 | 98.02 |
| 5.5 | 452,443,869 | 4,943,294 | 0.0109 | 0.9891 | 96.84 |
| 6.5 | 404,597,516 | 6,123,438 | 0.0151 | 0.9849 | 95.78 |
| 7.5 | 381,486,919 | 4,830,266 | 0.0127 | 0.9873 | 94.33 |
| 8.5 | 358,330,123 | 3,112,393 | 0.0087 | 0.9913 | 93.13 |
| 9.5 | 323,559,826 | 3,719,200 | 0.0115 | 0.9885 | 92.33 |
| 10.5 | 301,216,477 | 5,392,365 | 0.0179 | 0.9821 | 91.26 |
| 11.5 | 287,701,610 | 4,563,315 | 0.0159 | 0.9841 | 89.63 |
| 12.5 | 296,014,102 | 4,343,090 | 0.0147 | 0.9853 | 88.21 |
| 13.5 | 295,306,950 | 6,362,653 | 0.0215 | 0.9785 | 86.91 |
| 14.5 | 300,729,934 | 5,883,011 | 0.0196 | 0.9804 | 85.04 |
| 15.5 | 298,377,366 | 3,960,325 | 0.0133 | 0.9867 | 83.38 |
| 16.5 | 299,428,836 | 3,875,637 | 0.0129 | 0.9871 | 82.27 |
| 17.5 | 299,623,879 | 4,445,464 | 0.0148 | 0.9852 | 81.21 |
| 18.5 | 294,572,728 | 3,646,803 | 0.0124 | 0.9876 | 80.00 |
| 19.5 | 282,390,092 | 3,865,800 | 0.0137 | 0.9863 | 79.01 |
| 20.5 | 267,540,344 | 4,642,335 | 0.0174 | 0.9826 | 77.93 |
| 21.5 | 245,959,164 | 3,487,564 | 0.0142 | 0.9858 | 76.58 |
| 22.5 | 224,984,737 | 3,567,579 | 0.0159 | 0.9841 | 75.49 |
| 23.5 | 212,716,965 | 4,007,206 | 0.0188 | 0.9812 | 74.29 |
| 24.5 | 202,603,612 | 3,859,804 | 0.0191 | 0.9809 | 72.89 |
| 25.5 | 187,721,048 | 3,991,764 | 0.0213 | 0.9787 | 71.51 |
| 26.5 | 187,851,150 | 3,628,243 | 0.0193 | 0.9807 | 69.99 |
| 27.5 | 178,916,335 | 4,257,113 | 0.0238 | 0.9762 | 68.63 |
| 28.5 | 169,378,940 | 3,623,070 | 0.0214 | 0.9786 | 67.00 |
| 29.5 | 160,587,244 | 2,798,565 | 0.0174 | 0.9826 | 65.57 |
| 30.5 | 150,643,700 | 2,890,242 | 0.0192 | 0.9808 | 64.43 |
| 31.5 | 142,474,025 | 3,192,379 | 0.0224 | 0.9776 | 63.19 |
| 32.5 | 133,920,643 | 4,413,244 | 0.0330 | 0.9670 | 61.77 |
| 33.5 | 128,173,943 | 2,150,769 | 0.0168 | 0.9832 | 59.74 |
| 34.5 | 123,813,482 | 2,137,840 | 0.0173 | 0.9827 | 58.74 |
| 35.5 | 115,042,846 | 2,431,877 | 0.0211 | 0.9789 | 57.72 |
| 36.5 | 99,159,123 | 2,026,355 | 0.0204 | 0.9796 | 56.50 |
| 37.5 | 87,470,612 | 1,759,057 | 0.0201 | 0.9799 | 55.35 |
| 38.5 | 80,193,989 | 1,245,019 | 0.0155 | 0.9845 | 54.23 |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 64,369,563 | 815,538 | 0.0127 | 0.9873 | 53.39 |
| 40.5 | 59,249,168 | 978,126 | 0.0165 | 0.9835 | 52.71 |
| 41.5 | 51,932,900 | 830,805 | 0.0160 | 0.9840 | 51.84 |
| 42.5 | 40,868,277 | 929,233 | 0.0227 | 0.9773 | 51.02 |
| 43.5 | 33,800,213 | 741,298 | 0.0219 | 0.9781 | 49.86 |
| 44.5 | 27,683,566 | 584,427 | 0.0211 | 0.9789 | 48.76 |
| 45.5 | 22,783,735 | 582,376 | 0.0256 | 0.9744 | 47.73 |
| 46.5 | 17,895,534 | 272,983 | 0.0153 | 0.9847 | 46.51 |
| 47.5 | 15,814,319 | 305,255 | 0.0193 | 0.9807 | 45.80 |
| 48.5 | 12,687,313 | 293,960 | 0.0232 | 0.9768 | 44.92 |
| 49.5 | 14,995,543 | 84,207 | 0.0056 | 0.9944 | 43.88 |
| 50.5 | 13,057,178 | 180,643 | 0.0138 | 0.9862 | 43.63 |
| 51.5 | 146,999 | 4,856 | 0.0330 | 0.9670 | 43.03 |
| 52.5 | 138,961 | | 0.0000 | 1.0000 | 41.61 |
| 53.5 | 123,535 | | 0.0000 | 1.0000 | 41.61 |
| 54.5 | 87,483 | | 0.0000 | 1.0000 | 41.61 |
| 55.5 | 82,485 | 12,226 | 0.1482 | 0.8518 | 41.61 |
| 56.5 | 78,180 | | 0.0000 | 1.0000 | 35.44 |
| 57.5 | 71,307 | | 0.0000 | 1.0000 | 35.44 |
| 58.5 | 71,005 | | 0.0000 | 1.0000 | 35.44 |
| 59.5 | 65,586 | | 0.0000 | 1.0000 | 35.44 |
| 60.5 | 65,586 | | 0.0000 | 1.0000 | 35.44 |
| 61.5 | 62,850 | | 0.0000 | 1.0000 | 35.44 |
| 62.5 | 56,143 | | 0.0000 | 1.0000 | 35.44 |
| 63.5 | 50,927 | | 0.0000 | 1.0000 | 35.44 |
| 64.5 | 50,777 | | 0.0000 | 1.0000 | 35.44 |
| 65.5 | 50,120 | 16,263 | 0.3245 | 0.6755 | 35.44 |
| 66.5 | 31,895 | | 0.0000 | 1.0000 | 23.94 |
| 67.5 | 31,896 | 1 | 0.0000 | 1.0000 | 23.94 |
| 68.5 | 34,174 | | 0.0000 | 1.0000 | 23.94 |
| 69.5 | 14,631 | | 0.0000 | 1.0000 | 23.94 |
| 70.5 | 13,365 | | 0.0000 | 1.0000 | 23.94 |
| 71.5 | 12,950 | | 0.0000 | 1.0000 | 23.94 |
| 72.5 | 12,733 | | 0.0000 | 1.0000 | 23.94 |
| 73.5 | 12,483 | | 0.0000 | 1.0000 | 23.94 |
| 74.5 | 12,483 | | 0.0000 | 1.0000 | 23.94 |
| 75.5 | 12,356 | | 0.0000 | 1.0000 | 23.94 |
| 76.5 | 11,734 | | 0.0000 | 1.0000 | 23.94 |
| 77.5 | 10,646 | | 0.0000 | 1.0000 | 23.94 |
| 78.5 | 9,893 | | 0.0000 | 1.0000 | 23.94 |

DUKE ENERGY CAROLINAS

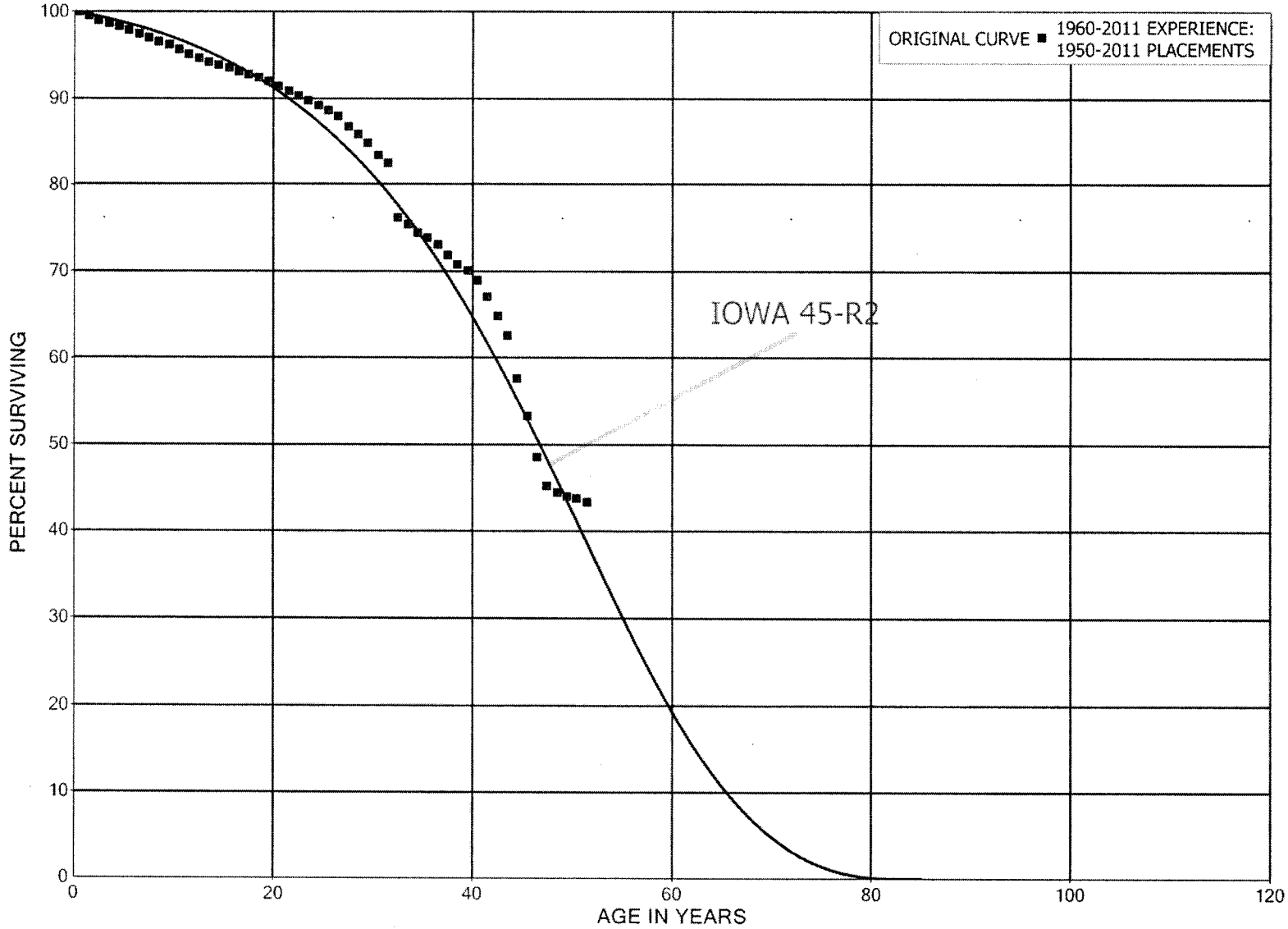
ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 7,971 | | 0.0000 | 1.0000 | 23.94 |
| 80.5 | 7,971 | | 0.0000 | 1.0000 | 23.94 |
| 81.5 | 6,964 | | 0.0000 | 1.0000 | 23.94 |
| 82.5 | 5,652 | | 0.0000 | 1.0000 | 23.94 |
| 83.5 | 5,652 | | 0.0000 | 1.0000 | 23.94 |
| 84.5 | 5,652 | | 0.0000 | 1.0000 | 23.94 |
| 85.5 | | | | | 23.94 |

DUKE ENERGY CAROLINAS
ACCOUNT 364 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,363,891,891 | 1,074,351 | 0.0008 | 0.9992 | 100.00 |
| 0.5 | 1,333,787,077 | 6,143,327 | 0.0046 | 0.9954 | 99.92 |
| 1.5 | 1,311,323,491 | 6,135,200 | 0.0047 | 0.9953 | 99.46 |
| 2.5 | 1,268,171,692 | 5,358,589 | 0.0042 | 0.9958 | 99.00 |
| 3.5 | 1,210,313,669 | 4,253,189 | 0.0035 | 0.9965 | 98.58 |
| 4.5 | 1,161,974,382 | 5,053,543 | 0.0043 | 0.9957 | 98.23 |
| 5.5 | 1,113,576,457 | 4,521,974 | 0.0041 | 0.9959 | 97.80 |
| 6.5 | 1,063,702,648 | 5,231,591 | 0.0049 | 0.9951 | 97.41 |
| 7.5 | 1,017,977,007 | 4,305,957 | 0.0042 | 0.9958 | 96.93 |
| 8.5 | 988,546,516 | 3,635,616 | 0.0037 | 0.9963 | 96.52 |
| 9.5 | 961,798,135 | 6,000,398 | 0.0062 | 0.9938 | 96.16 |
| 10.5 | 925,755,680 | 5,084,194 | 0.0055 | 0.9945 | 95.56 |
| 11.5 | 853,260,487 | 4,043,745 | 0.0047 | 0.9953 | 95.04 |
| 12.5 | 829,468,875 | 3,385,992 | 0.0041 | 0.9959 | 94.59 |
| 13.5 | 807,108,509 | 3,423,441 | 0.0042 | 0.9958 | 94.20 |
| 14.5 | 784,165,939 | 2,832,481 | 0.0036 | 0.9964 | 93.80 |
| 15.5 | 759,259,828 | 3,003,048 | 0.0040 | 0.9960 | 93.46 |
| 16.5 | 734,701,364 | 2,824,055 | 0.0038 | 0.9962 | 93.09 |
| 17.5 | 709,136,549 | 2,993,353 | 0.0042 | 0.9958 | 92.74 |
| 18.5 | 666,002,953 | 2,985,646 | 0.0045 | 0.9955 | 92.34 |
| 19.5 | 624,173,490 | 3,714,053 | 0.0060 | 0.9940 | 91.93 |
| 20.5 | 570,251,667 | 3,557,303 | 0.0062 | 0.9938 | 91.38 |
| 21.5 | 490,563,816 | 2,721,537 | 0.0055 | 0.9945 | 90.81 |
| 22.5 | 438,015,572 | 2,623,803 | 0.0060 | 0.9940 | 90.31 |
| 23.5 | 388,184,424 | 2,329,703 | 0.0060 | 0.9940 | 89.77 |
| 24.5 | 348,799,784 | 2,410,620 | 0.0069 | 0.9931 | 89.23 |
| 25.5 | 312,061,136 | 2,532,702 | 0.0081 | 0.9919 | 88.61 |
| 26.5 | 281,683,872 | 3,707,953 | 0.0132 | 0.9868 | 87.89 |
| 27.5 | 249,994,428 | 2,726,335 | 0.0109 | 0.9891 | 86.74 |
| 28.5 | 222,471,391 | 2,496,921 | 0.0112 | 0.9888 | 85.79 |
| 29.5 | 197,982,527 | 3,323,114 | 0.0168 | 0.9832 | 84.83 |
| 30.5 | 175,521,376 | 1,889,169 | 0.0108 | 0.9892 | 83.40 |
| 31.5 | 158,977,545 | 12,230,068 | 0.0769 | 0.9231 | 82.51 |
| 32.5 | 131,219,165 | 1,264,855 | 0.0096 | 0.9904 | 76.16 |
| 33.5 | 119,130,875 | 1,619,973 | 0.0136 | 0.9864 | 75.42 |
| 34.5 | 105,139,185 | 741,241 | 0.0071 | 0.9929 | 74.40 |
| 35.5 | 94,322,540 | 1,072,910 | 0.0114 | 0.9886 | 73.87 |
| 36.5 | 87,244,790 | 1,443,829 | 0.0165 | 0.9835 | 73.03 |
| 37.5 | 71,339,559 | 1,111,975 | 0.0156 | 0.9844 | 71.83 |
| 38.5 | 60,562,247 | 552,111 | 0.0091 | 0.9909 | 70.71 |

DUKE ENERGY CAROLINAS

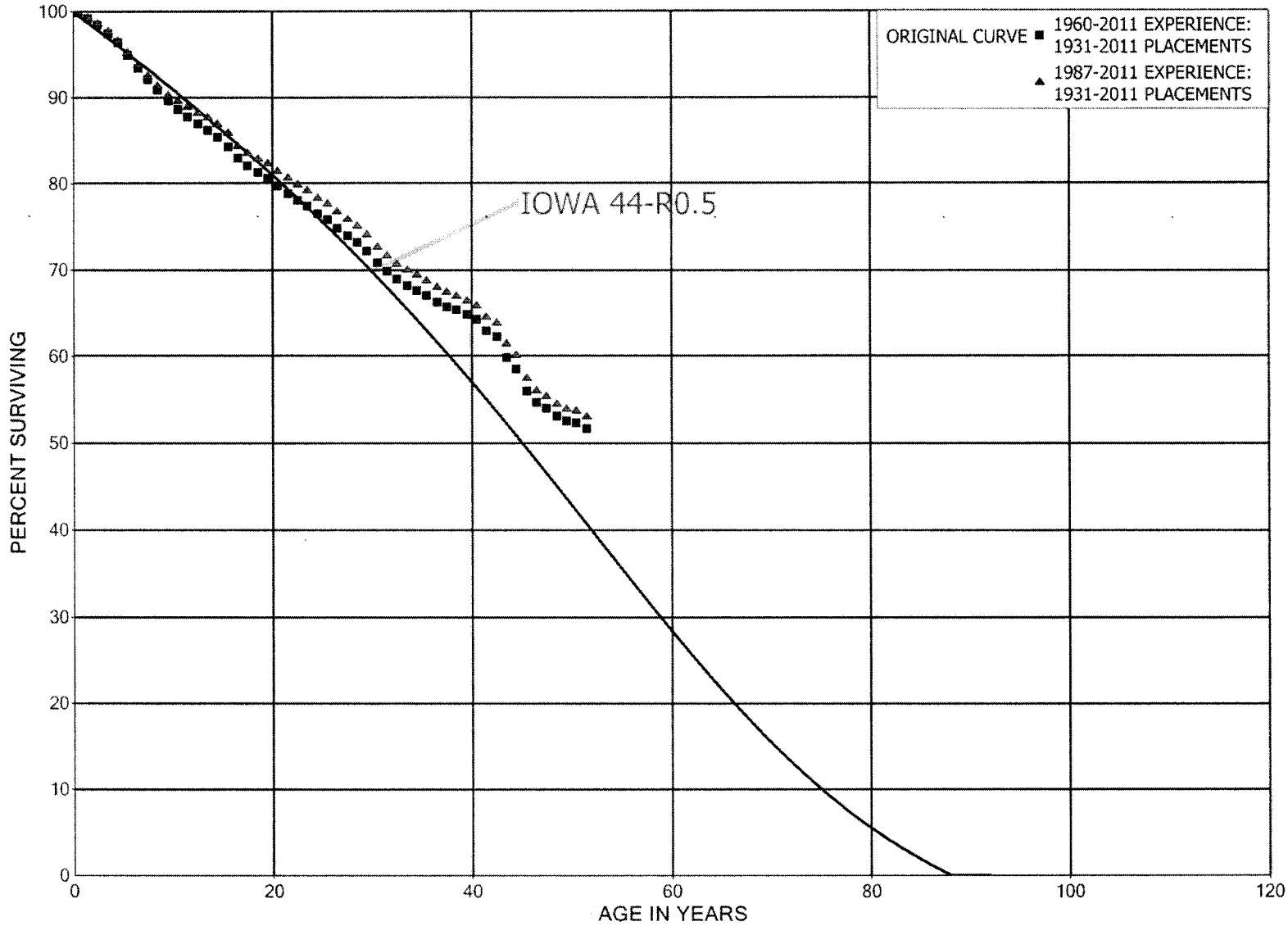
ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 51,723,755 | 855,740 | 0.0165 | 0.9835 | 70.06 |
| 40.5 | 42,501,718 | 1,156,803 | 0.0272 | 0.9728 | 68.90 |
| 41.5 | 37,529,017 | 1,251,115 | 0.0333 | 0.9667 | 67.03 |
| 42.5 | 30,941,284 | 1,030,331 | 0.0333 | 0.9667 | 64.79 |
| 43.5 | 27,871,875 | 2,227,385 | 0.0799 | 0.9201 | 62.64 |
| 44.5 | 21,908,465 | 1,661,068 | 0.0758 | 0.9242 | 57.63 |
| 45.5 | 16,814,625 | 1,506,476 | 0.0896 | 0.9104 | 53.26 |
| 46.5 | 13,507,471 | 929,335 | 0.0688 | 0.9312 | 48.49 |
| 47.5 | 9,650,031 | 167,076 | 0.0173 | 0.9827 | 45.15 |
| 48.5 | 7,224,373 | 61,707 | 0.0085 | 0.9915 | 44.37 |
| 49.5 | 5,896,576 | 35,733 | 0.0061 | 0.9939 | 43.99 |
| 50.5 | 5,248,806 | 51,883 | 0.0099 | 0.9901 | 43.73 |
| 51.5 | | | | | 43.29 |

DUKE ENERGY CAROLINAS
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,885,812,190 | 2,795,340 | 0.0015 | 0.9985 | 100.00 |
| 0.5 | 1,852,333,238 | 13,465,875 | 0.0073 | 0.9927 | 99.85 |
| 1.5 | 1,784,396,839 | 13,395,436 | 0.0075 | 0.9925 | 99.13 |
| 2.5 | 1,707,852,812 | 16,376,225 | 0.0096 | 0.9904 | 98.38 |
| 3.5 | 1,613,727,076 | 18,121,155 | 0.0112 | 0.9888 | 97.44 |
| 4.5 | 1,522,569,353 | 21,088,426 | 0.0139 | 0.9861 | 96.34 |
| 5.5 | 1,425,081,916 | 23,660,874 | 0.0166 | 0.9834 | 95.01 |
| 6.5 | 1,317,145,770 | 19,823,474 | 0.0151 | 0.9849 | 93.43 |
| 7.5 | 1,222,363,105 | 16,273,177 | 0.0133 | 0.9867 | 92.03 |
| 8.5 | 1,141,122,887 | 14,495,515 | 0.0127 | 0.9873 | 90.80 |
| 9.5 | 1,045,445,278 | 11,459,146 | 0.0110 | 0.9890 | 89.65 |
| 10.5 | 933,608,436 | 9,618,582 | 0.0103 | 0.9897 | 88.66 |
| 11.5 | 838,073,000 | 8,074,928 | 0.0096 | 0.9904 | 87.75 |
| 12.5 | 772,683,720 | 6,623,835 | 0.0086 | 0.9914 | 86.91 |
| 13.5 | 709,664,208 | 6,465,831 | 0.0091 | 0.9909 | 86.16 |
| 14.5 | 641,565,339 | 7,799,525 | 0.0122 | 0.9878 | 85.38 |
| 15.5 | 582,761,482 | 9,918,813 | 0.0170 | 0.9830 | 84.34 |
| 16.5 | 532,924,631 | 5,421,463 | 0.0102 | 0.9898 | 82.90 |
| 17.5 | 493,920,030 | 4,443,540 | 0.0090 | 0.9910 | 82.06 |
| 18.5 | 464,354,020 | 3,789,666 | 0.0082 | 0.9918 | 81.32 |
| 19.5 | 434,317,486 | 4,920,573 | 0.0113 | 0.9887 | 80.66 |
| 20.5 | 395,194,779 | 4,359,148 | 0.0110 | 0.9890 | 79.74 |
| 21.5 | 338,396,588 | 3,620,873 | 0.0107 | 0.9893 | 78.86 |
| 22.5 | 301,793,241 | 2,588,399 | 0.0086 | 0.9914 | 78.02 |
| 23.5 | 268,034,674 | 3,047,125 | 0.0114 | 0.9886 | 77.35 |
| 24.5 | 244,236,760 | 2,075,102 | 0.0085 | 0.9915 | 76.47 |
| 25.5 | 222,223,593 | 2,797,789 | 0.0126 | 0.9874 | 75.82 |
| 26.5 | 203,183,925 | 2,373,727 | 0.0117 | 0.9883 | 74.87 |
| 27.5 | 183,706,135 | 2,067,838 | 0.0113 | 0.9887 | 73.99 |
| 28.5 | 166,059,659 | 2,148,281 | 0.0129 | 0.9871 | 73.16 |
| 29.5 | 150,644,943 | 2,852,421 | 0.0189 | 0.9811 | 72.21 |
| 30.5 | 136,024,905 | 1,988,518 | 0.0146 | 0.9854 | 70.85 |
| 31.5 | 127,383,984 | 1,653,576 | 0.0130 | 0.9870 | 69.81 |
| 32.5 | 114,771,047 | 1,145,710 | 0.0100 | 0.9900 | 68.90 |
| 33.5 | 107,017,648 | 901,937 | 0.0084 | 0.9916 | 68.22 |
| 34.5 | 97,820,547 | 829,758 | 0.0085 | 0.9915 | 67.64 |
| 35.5 | 91,172,142 | 1,069,019 | 0.0117 | 0.9883 | 67.07 |
| 36.5 | 86,968,352 | 667,222 | 0.0077 | 0.9923 | 66.28 |
| 37.5 | 74,382,568 | 482,452 | 0.0065 | 0.9935 | 65.77 |
| 38.5 | 64,956,914 | 558,317 | 0.0086 | 0.9914 | 65.35 |

DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 58,481,689 | 499,970 | 0.0085 | 0.9915 | 64.78 |
| 40.5 | 50,770,902 | 1,048,183 | 0.0206 | 0.9794 | 64.23 |
| 41.5 | 46,375,333 | 457,920 | 0.0099 | 0.9901 | 62.90 |
| 42.5 | 41,135,709 | 1,590,445 | 0.0387 | 0.9613 | 62.28 |
| 43.5 | 37,358,770 | 825,107 | 0.0221 | 0.9779 | 59.88 |
| 44.5 | 32,676,540 | 1,423,944 | 0.0436 | 0.9564 | 58.55 |
| 45.5 | 28,009,848 | 695,377 | 0.0248 | 0.9752 | 56.00 |
| 46.5 | 25,973,400 | 340,542 | 0.0131 | 0.9869 | 54.61 |
| 47.5 | 22,518,126 | 361,791 | 0.0161 | 0.9839 | 53.89 |
| 48.5 | 19,230,053 | 178,288 | 0.0093 | 0.9907 | 53.03 |
| 49.5 | 16,281,133 | 89,669 | 0.0055 | 0.9945 | 52.54 |
| 50.5 | 13,534,657 | 162,564 | 0.0120 | 0.9880 | 52.25 |
| 51.5 | | | | | 51.62 |

DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,528,476,909 | 2,631,953 | 0.0017 | 0.9983 | 100.00 |
| 0.5 | 1,521,334,805 | 9,882,004 | 0.0065 | 0.9935 | 99.83 |
| 1.5 | 1,483,011,662 | 9,927,613 | 0.0067 | 0.9933 | 99.18 |
| 2.5 | 1,433,652,329 | 13,258,923 | 0.0092 | 0.9908 | 98.52 |
| 3.5 | 1,362,119,339 | 15,692,792 | 0.0115 | 0.9885 | 97.60 |
| 4.5 | 1,289,678,109 | 17,312,528 | 0.0134 | 0.9866 | 96.48 |
| 5.5 | 1,210,834,724 | 19,156,653 | 0.0158 | 0.9842 | 95.18 |
| 6.5 | 1,121,404,212 | 14,807,764 | 0.0132 | 0.9868 | 93.68 |
| 7.5 | 1,045,474,353 | 12,874,577 | 0.0123 | 0.9877 | 92.44 |
| 8.5 | 976,974,353 | 11,756,689 | 0.0120 | 0.9880 | 91.30 |
| 9.5 | 894,662,638 | 7,069,493 | 0.0079 | 0.9921 | 90.20 |
| 10.5 | 795,016,074 | 6,028,167 | 0.0076 | 0.9924 | 89.49 |
| 11.5 | 709,628,642 | 4,830,437 | 0.0068 | 0.9932 | 88.81 |
| 12.5 | 661,315,870 | 4,852,583 | 0.0073 | 0.9927 | 88.21 |
| 13.5 | 610,104,584 | 4,892,756 | 0.0080 | 0.9920 | 87.56 |
| 14.5 | 551,375,969 | 6,609,844 | 0.0120 | 0.9880 | 86.86 |
| 15.5 | 504,215,456 | 8,716,263 | 0.0173 | 0.9827 | 85.82 |
| 16.5 | 462,379,271 | 4,446,703 | 0.0096 | 0.9904 | 84.33 |
| 17.5 | 430,284,100 | 3,567,486 | 0.0083 | 0.9917 | 83.52 |
| 18.5 | 405,038,434 | 2,818,697 | 0.0070 | 0.9930 | 82.83 |
| 19.5 | 381,087,382 | 3,889,054 | 0.0102 | 0.9898 | 82.25 |
| 20.5 | 347,564,736 | 3,540,872 | 0.0102 | 0.9898 | 81.42 |
| 21.5 | 294,420,523 | 2,844,926 | 0.0097 | 0.9903 | 80.59 |
| 22.5 | 262,976,619 | 2,009,808 | 0.0076 | 0.9924 | 79.81 |
| 23.5 | 233,950,614 | 2,552,418 | 0.0109 | 0.9891 | 79.20 |
| 24.5 | 214,502,094 | 2,045,909 | 0.0095 | 0.9905 | 78.33 |
| 25.5 | 196,343,584 | 2,085,677 | 0.0106 | 0.9894 | 77.59 |
| 26.5 | 203,183,925 | 2,373,727 | 0.0117 | 0.9883 | 76.76 |
| 27.5 | 183,706,135 | 2,067,838 | 0.0113 | 0.9887 | 75.86 |
| 28.5 | 166,059,659 | 2,148,281 | 0.0129 | 0.9871 | 75.01 |
| 29.5 | 150,644,943 | 2,852,421 | 0.0189 | 0.9811 | 74.04 |
| 30.5 | 136,024,905 | 1,988,518 | 0.0146 | 0.9854 | 72.64 |
| 31.5 | 127,383,984 | 1,653,576 | 0.0130 | 0.9870 | 71.58 |
| 32.5 | 114,771,047 | 1,145,710 | 0.0100 | 0.9900 | 70.65 |
| 33.5 | 107,017,648 | 901,937 | 0.0084 | 0.9916 | 69.94 |
| 34.5 | 97,820,547 | 829,758 | 0.0085 | 0.9915 | 69.35 |
| 35.5 | 91,172,142 | 1,069,019 | 0.0117 | 0.9883 | 68.76 |
| 36.5 | 86,968,352 | 667,222 | 0.0077 | 0.9923 | 67.96 |
| 37.5 | 74,382,568 | 482,452 | 0.0065 | 0.9935 | 67.44 |
| 38.5 | 64,956,914 | 558,317 | 0.0086 | 0.9914 | 67.00 |

DUKE ENERGY CAROLINAS

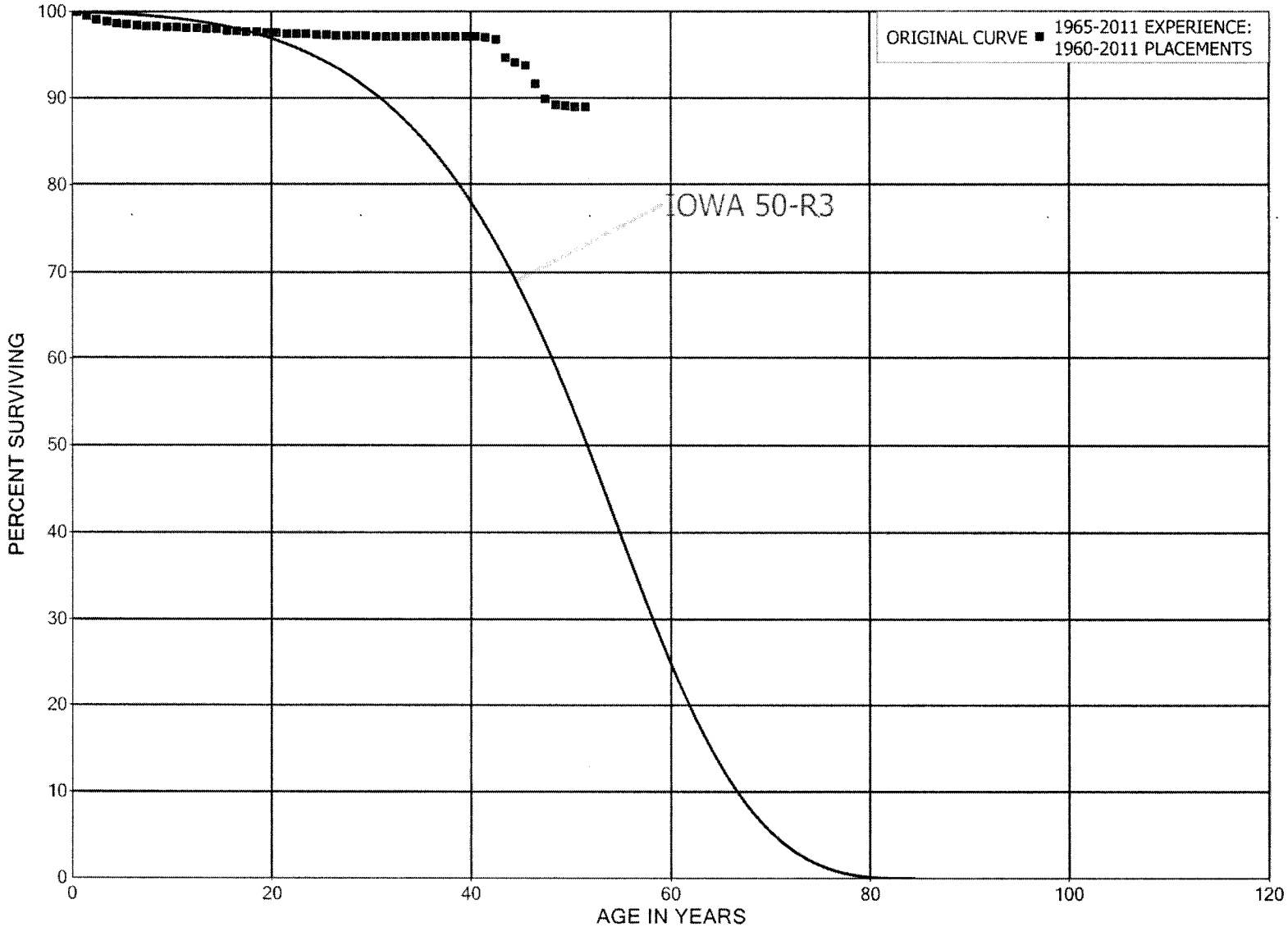
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 58,481,689 | 499,970 | 0.0085 | 0.9915 | 66.42 |
| 40.5 | 50,770,902 | 1,048,183 | 0.0206 | 0.9794 | 65.86 |
| 41.5 | 46,375,333 | 457,920 | 0.0099 | 0.9901 | 64.50 |
| 42.5 | 41,135,709 | 1,590,445 | 0.0387 | 0.9613 | 63.86 |
| 43.5 | 37,358,770 | 825,107 | 0.0221 | 0.9779 | 61.39 |
| 44.5 | 32,676,540 | 1,423,944 | 0.0436 | 0.9564 | 60.03 |
| 45.5 | 28,009,848 | 695,377 | 0.0248 | 0.9752 | 57.42 |
| 46.5 | 25,973,400 | 340,542 | 0.0131 | 0.9869 | 55.99 |
| 47.5 | 22,518,126 | 361,791 | 0.0161 | 0.9839 | 55.26 |
| 48.5 | 19,230,053 | 178,288 | 0.0093 | 0.9907 | 54.37 |
| 49.5 | 16,281,133 | 89,669 | 0.0055 | 0.9945 | 53.87 |
| 50.5 | 13,534,657 | 162,564 | 0.0120 | 0.9880 | 53.57 |
| 51.5 | | | | | 52.93 |

DUKE ENERGY CAROLINAS
ACCOUNT 366 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1965-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 236,341,373 | 48,056 | 0.0002 | 0.9998 | 100.00 |
| 0.5 | 212,902,314 | 1,033,250 | 0.0049 | 0.9951 | 99.98 |
| 1.5 | 195,430,844 | 757,151 | 0.0039 | 0.9961 | 99.49 |
| 2.5 | 182,793,551 | 541,141 | 0.0030 | 0.9970 | 99.11 |
| 3.5 | 172,798,690 | 302,978 | 0.0018 | 0.9982 | 98.82 |
| 4.5 | 165,895,146 | 210,513 | 0.0013 | 0.9987 | 98.64 |
| 5.5 | 161,388,154 | 144,630 | 0.0009 | 0.9991 | 98.52 |
| 6.5 | 156,081,974 | 157,490 | 0.0010 | 0.9990 | 98.43 |
| 7.5 | 152,786,457 | 107,796 | 0.0007 | 0.9993 | 98.33 |
| 8.5 | 150,682,074 | 96,131 | 0.0006 | 0.9994 | 98.26 |
| 9.5 | 147,621,682 | 86,360 | 0.0006 | 0.9994 | 98.20 |
| 10.5 | 143,403,158 | 82,168 | 0.0006 | 0.9994 | 98.14 |
| 11.5 | 138,698,081 | 50,613 | 0.0004 | 0.9996 | 98.08 |
| 12.5 | 135,563,854 | 89,369 | 0.0007 | 0.9993 | 98.05 |
| 13.5 | 132,377,175 | 95,832 | 0.0007 | 0.9993 | 97.98 |
| 14.5 | 129,696,103 | 228,661 | 0.0018 | 0.9982 | 97.91 |
| 15.5 | 127,652,187 | 70,896 | 0.0006 | 0.9994 | 97.74 |
| 16.5 | 125,525,890 | 73,540 | 0.0006 | 0.9994 | 97.69 |
| 17.5 | 122,519,341 | 59,209 | 0.0005 | 0.9995 | 97.63 |
| 18.5 | 116,756,310 | 61,233 | 0.0005 | 0.9995 | 97.58 |
| 19.5 | 108,044,345 | 63,317 | 0.0006 | 0.9994 | 97.53 |
| 20.5 | 95,351,935 | 31,514 | 0.0003 | 0.9997 | 97.47 |
| 21.5 | 74,892,216 | 43,234 | 0.0006 | 0.9994 | 97.44 |
| 22.5 | 60,428,893 | 13,098 | 0.0002 | 0.9998 | 97.38 |
| 23.5 | 46,259,517 | 28,204 | 0.0006 | 0.9994 | 97.36 |
| 24.5 | 36,971,599 | 24,789 | 0.0007 | 0.9993 | 97.30 |
| 25.5 | 30,393,452 | 7,830 | 0.0003 | 0.9997 | 97.24 |
| 26.5 | 26,670,101 | 6,651 | 0.0002 | 0.9998 | 97.21 |
| 27.5 | 23,844,113 | 6,742 | 0.0003 | 0.9997 | 97.19 |
| 28.5 | 22,594,429 | 5,338 | 0.0002 | 0.9998 | 97.16 |
| 29.5 | 21,632,251 | 6,358 | 0.0003 | 0.9997 | 97.14 |
| 30.5 | 20,648,600 | 568 | 0.0000 | 1.0000 | 97.11 |
| 31.5 | 19,719,044 | 1,078 | 0.0001 | 0.9999 | 97.11 |
| 32.5 | 18,924,320 | 1,331 | 0.0001 | 0.9999 | 97.10 |
| 33.5 | 18,321,929 | 1,786 | 0.0001 | 0.9999 | 97.10 |
| 34.5 | 16,583,078 | 644 | 0.0000 | 1.0000 | 97.09 |
| 35.5 | 15,933,737 | 1,128 | 0.0001 | 0.9999 | 97.08 |
| 36.5 | 15,539,759 | 713 | 0.0000 | 1.0000 | 97.08 |
| 37.5 | 15,398,487 | 353 | 0.0000 | 1.0000 | 97.07 |
| 38.5 | 14,779,440 | 411 | 0.0000 | 1.0000 | 97.07 |

DUKE ENERGY CAROLINAS

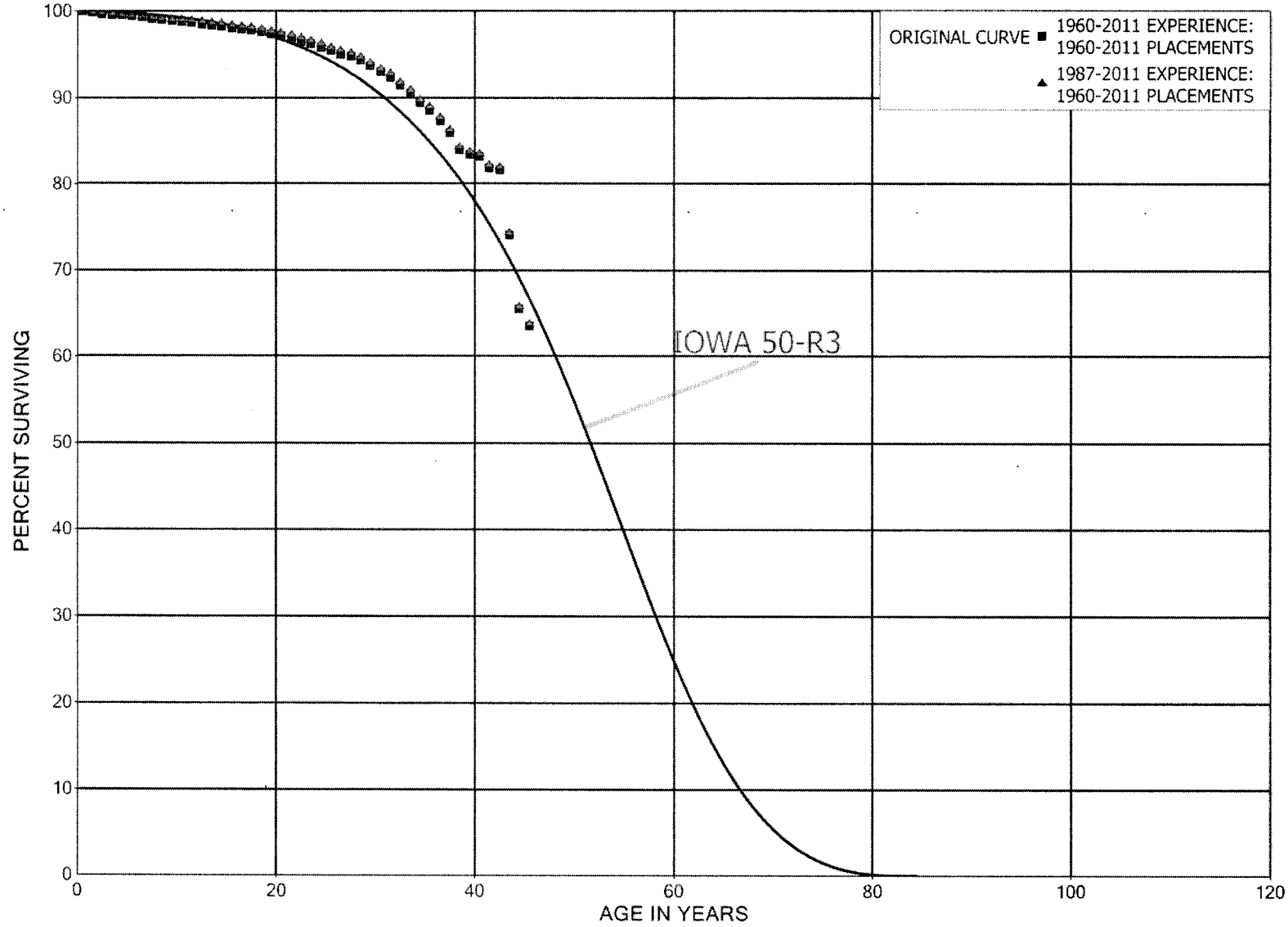
ACCOUNT 366 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1965-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 14,498,827 | 694 | 0.0000 | 1.0000 | 97.07 |
| 40.5 | 13,940,391 | 14,207 | 0.0010 | 0.9990 | 97.06 |
| 41.5 | 13,255,301 | 30,053 | 0.0023 | 0.9977 | 96.96 |
| 42.5 | 1,659,711 | 35,579 | 0.0214 | 0.9786 | 96.74 |
| 43.5 | 1,481,323 | 9,424 | 0.0064 | 0.9936 | 94.67 |
| 44.5 | 1,340,940 | 4,953 | 0.0037 | 0.9963 | 94.07 |
| 45.5 | 765,958 | 17,641 | 0.0230 | 0.9770 | 93.72 |
| 46.5 | 627,806 | 11,718 | 0.0187 | 0.9813 | 91.56 |
| 47.5 | 541,674 | 3,856 | 0.0071 | 0.9929 | 89.85 |
| 48.5 | 506,471 | 766 | 0.0015 | 0.9985 | 89.21 |
| 49.5 | 428,646 | 337 | 0.0008 | 0.9992 | 89.08 |
| 50.5 | 393,230 | 76 | 0.0002 | 0.9998 | 89.01 |
| 51.5 | | | | | 88.99 |

DUKE ENERGY CAROLINAS
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,644,166,761 | 462,433 | 0.0003 | 0.9997 | 100.00 |
| 0.5 | 1,620,027,364 | 2,838,955 | 0.0018 | 0.9982 | 99.97 |
| 1.5 | 1,582,337,523 | 2,126,996 | 0.0013 | 0.9987 | 99.80 |
| 2.5 | 1,536,198,277 | 1,913,749 | 0.0012 | 0.9988 | 99.66 |
| 3.5 | 1,422,599,584 | 1,183,434 | 0.0008 | 0.9992 | 99.54 |
| 4.5 | 1,294,567,590 | 1,298,777 | 0.0010 | 0.9990 | 99.46 |
| 5.5 | 1,197,071,029 | 1,429,709 | 0.0012 | 0.9988 | 99.36 |
| 6.5 | 1,105,150,793 | 1,527,297 | 0.0014 | 0.9986 | 99.24 |
| 7.5 | 1,039,716,274 | 1,342,670 | 0.0013 | 0.9987 | 99.10 |
| 8.5 | 988,735,264 | 1,303,283 | 0.0013 | 0.9987 | 98.97 |
| 9.5 | 931,715,594 | 1,309,730 | 0.0014 | 0.9986 | 98.84 |
| 10.5 | 855,562,036 | 1,173,875 | 0.0014 | 0.9986 | 98.70 |
| 11.5 | 760,531,713 | 1,072,982 | 0.0014 | 0.9986 | 98.57 |
| 12.5 | 712,867,645 | 896,773 | 0.0013 | 0.9987 | 98.43 |
| 13.5 | 655,937,680 | 945,316 | 0.0014 | 0.9986 | 98.30 |
| 14.5 | 618,219,578 | 1,027,388 | 0.0017 | 0.9983 | 98.16 |
| 15.5 | 583,834,729 | 681,497 | 0.0012 | 0.9988 | 98.00 |
| 16.5 | 546,916,398 | 1,131,243 | 0.0021 | 0.9979 | 97.89 |
| 17.5 | 510,528,249 | 1,131,995 | 0.0022 | 0.9978 | 97.68 |
| 18.5 | 458,717,790 | 1,067,377 | 0.0023 | 0.9977 | 97.47 |
| 19.5 | 401,935,834 | 848,896 | 0.0021 | 0.9979 | 97.24 |
| 20.5 | 333,559,289 | 1,011,311 | 0.0030 | 0.9970 | 97.03 |
| 21.5 | 275,668,990 | 973,681 | 0.0035 | 0.9965 | 96.74 |
| 22.5 | 234,553,660 | 631,302 | 0.0027 | 0.9973 | 96.40 |
| 23.5 | 185,097,842 | 770,247 | 0.0042 | 0.9958 | 96.14 |
| 24.5 | 156,714,037 | 602,569 | 0.0038 | 0.9962 | 95.74 |
| 25.5 | 129,557,405 | 511,171 | 0.0039 | 0.9961 | 95.37 |
| 26.5 | 111,986,391 | 378,702 | 0.0034 | 0.9966 | 94.99 |
| 27.5 | 96,738,213 | 446,717 | 0.0046 | 0.9954 | 94.67 |
| 28.5 | 83,359,134 | 597,006 | 0.0072 | 0.9928 | 94.24 |
| 29.5 | 70,432,042 | 495,734 | 0.0070 | 0.9930 | 93.56 |
| 30.5 | 59,205,097 | 382,785 | 0.0065 | 0.9935 | 92.90 |
| 31.5 | 48,986,767 | 503,020 | 0.0103 | 0.9897 | 92.30 |
| 32.5 | 39,701,356 | 368,944 | 0.0093 | 0.9907 | 91.35 |
| 33.5 | 34,909,317 | 429,990 | 0.0123 | 0.9877 | 90.50 |
| 34.5 | 29,037,197 | 276,388 | 0.0095 | 0.9905 | 89.39 |
| 35.5 | 24,890,077 | 341,722 | 0.0137 | 0.9863 | 88.54 |
| 36.5 | 23,157,501 | 366,571 | 0.0158 | 0.9842 | 87.32 |
| 37.5 | 16,994,696 | 387,208 | 0.0228 | 0.9772 | 85.94 |
| 38.5 | 13,054,769 | 94,816 | 0.0073 | 0.9927 | 83.98 |

DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 12,314,529 | 29,610 | 0.0024 | 0.9976 | 83.37 |
| 40.5 | 9,591,787 | 155,682 | 0.0162 | 0.9838 | 83.17 |
| 41.5 | 7,609,553 | 21,399 | 0.0028 | 0.9972 | 81.82 |
| 42.5 | 1,254,742 | 116,433 | 0.0928 | 0.9072 | 81.59 |
| 43.5 | 891,508 | 103,209 | 0.1158 | 0.8842 | 74.02 |
| 44.5 | 572,957 | 17,187 | 0.0300 | 0.9700 | 65.45 |
| 45.5 | 210,139 | 6,647 | 0.0316 | 0.9684 | 63.49 |
| 46.5 | 163,640 | 8,221 | 0.0502 | 0.9498 | 61.48 |
| 47.5 | 93,246 | 329 | 0.0035 | 0.9965 | 58.39 |
| 48.5 | 80,777 | 563 | 0.0070 | 0.9930 | 58.19 |
| 49.5 | 69,829 | 1,319 | 0.0189 | 0.9811 | 57.78 |
| 50.5 | 68,509 | 781 | 0.0114 | 0.9886 | 56.69 |
| 51.5 | | | | | 56.04 |

DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,478,083,730 | 433,442 | 0.0003 | 0.9997 | 100.00 |
| 0.5 | 1,479,892,964 | 2,313,874 | 0.0016 | 0.9984 | 99.97 |
| 1.5 | 1,460,866,473 | 1,736,124 | 0.0012 | 0.9988 | 99.81 |
| 2.5 | 1,429,656,485 | 1,646,377 | 0.0012 | 0.9988 | 99.70 |
| 3.5 | 1,328,900,523 | 981,409 | 0.0007 | 0.9993 | 99.58 |
| 4.5 | 1,213,497,374 | 1,017,745 | 0.0008 | 0.9992 | 99.51 |
| 5.5 | 1,126,843,607 | 954,937 | 0.0008 | 0.9992 | 99.42 |
| 6.5 | 1,046,072,706 | 1,258,572 | 0.0012 | 0.9988 | 99.34 |
| 7.5 | 989,402,670 | 1,051,408 | 0.0011 | 0.9989 | 99.22 |
| 8.5 | 944,025,858 | 1,034,798 | 0.0011 | 0.9989 | 99.11 |
| 9.5 | 893,005,519 | 888,093 | 0.0010 | 0.9990 | 99.01 |
| 10.5 | 821,471,625 | 1,001,211 | 0.0012 | 0.9988 | 98.91 |
| 11.5 | 729,069,272 | 847,075 | 0.0012 | 0.9988 | 98.79 |
| 12.5 | 688,491,600 | 635,210 | 0.0009 | 0.9991 | 98.67 |
| 13.5 | 636,815,218 | 700,172 | 0.0011 | 0.9989 | 98.58 |
| 14.5 | 601,469,114 | 917,268 | 0.0015 | 0.9985 | 98.47 |
| 15.5 | 570,191,011 | 560,898 | 0.0010 | 0.9990 | 98.32 |
| 16.5 | 535,921,931 | 1,010,715 | 0.0019 | 0.9981 | 98.23 |
| 17.5 | 507,060,612 | 1,082,830 | 0.0021 | 0.9979 | 98.04 |
| 18.5 | 456,104,608 | 1,048,200 | 0.0023 | 0.9977 | 97.83 |
| 19.5 | 399,933,234 | 808,491 | 0.0020 | 0.9980 | 97.61 |
| 20.5 | 332,394,375 | 975,012 | 0.0029 | 0.9971 | 97.41 |
| 21.5 | 274,770,747 | 936,173 | 0.0034 | 0.9966 | 97.12 |
| 22.5 | 233,869,429 | 631,011 | 0.0027 | 0.9973 | 96.79 |
| 23.5 | 184,469,510 | 753,777 | 0.0041 | 0.9959 | 96.53 |
| 24.5 | 156,195,211 | 602,547 | 0.0039 | 0.9961 | 96.14 |
| 25.5 | 129,038,836 | 511,171 | 0.0040 | 0.9960 | 95.77 |
| 26.5 | 111,986,391 | 378,702 | 0.0034 | 0.9966 | 95.39 |
| 27.5 | 96,738,213 | 446,717 | 0.0046 | 0.9954 | 95.06 |
| 28.5 | 83,359,134 | 597,006 | 0.0072 | 0.9928 | 94.63 |
| 29.5 | 70,432,042 | 495,734 | 0.0070 | 0.9930 | 93.95 |
| 30.5 | 59,205,097 | 382,785 | 0.0065 | 0.9935 | 93.29 |
| 31.5 | 48,986,767 | 503,020 | 0.0103 | 0.9897 | 92.68 |
| 32.5 | 39,701,356 | 368,944 | 0.0093 | 0.9907 | 91.73 |
| 33.5 | 34,909,317 | 429,990 | 0.0123 | 0.9877 | 90.88 |
| 34.5 | 29,037,197 | 276,388 | 0.0095 | 0.9905 | 89.76 |
| 35.5 | 24,890,077 | 341,722 | 0.0137 | 0.9863 | 88.91 |
| 36.5 | 23,157,501 | 366,571 | 0.0158 | 0.9842 | 87.68 |
| 37.5 | 16,994,696 | 387,208 | 0.0228 | 0.9772 | 86.30 |
| 38.5 | 13,054,769 | 94,816 | 0.0073 | 0.9927 | 84.33 |

DUKE ENERGY CAROLINAS

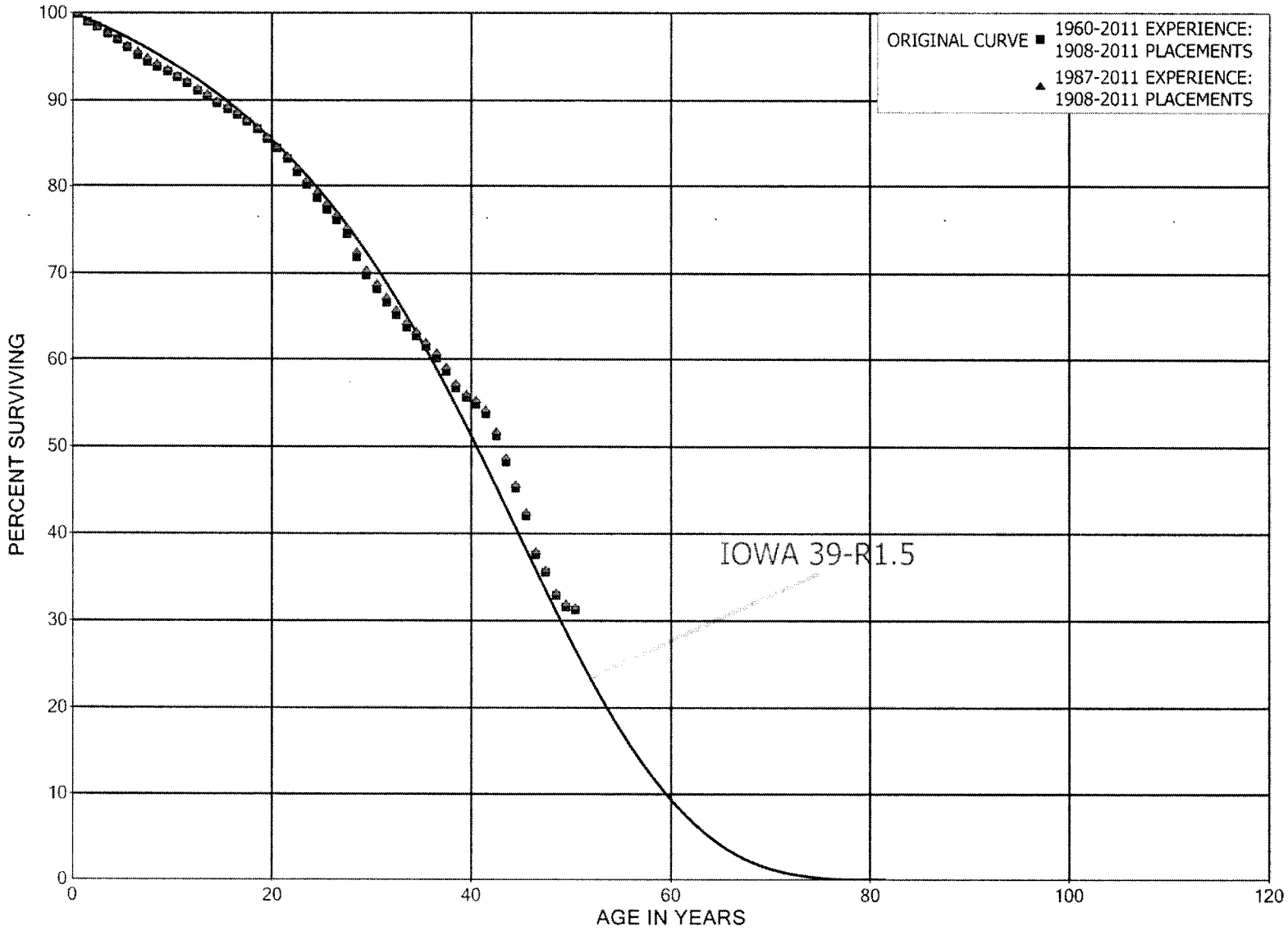
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 12,314,529 | 29,610 | 0.0024 | 0.9976 | 83.72 |
| 40.5 | 9,591,787 | 155,682 | 0.0162 | 0.9838 | 83.52 |
| 41.5 | 7,609,553 | 21,399 | 0.0028 | 0.9972 | 82.16 |
| 42.5 | 1,254,742 | 116,433 | 0.0928 | 0.9072 | 81.93 |
| 43.5 | 891,508 | 103,209 | 0.1158 | 0.8842 | 74.33 |
| 44.5 | 572,957 | 17,187 | 0.0300 | 0.9700 | 65.72 |
| 45.5 | 210,139 | 6,647 | 0.0316 | 0.9684 | 63.75 |
| 46.5 | 163,640 | 8,221 | 0.0502 | 0.9498 | 61.73 |
| 47.5 | 93,246 | 329 | 0.0035 | 0.9965 | 58.63 |
| 48.5 | 80,777 | 563 | 0.0070 | 0.9930 | 58.43 |
| 49.5 | 69,829 | 1,319 | 0.0189 | 0.9811 | 58.02 |
| 50.5 | 68,509 | 781 | 0.0114 | 0.9886 | 56.92 |
| 51.5 | | | | | 56.27 |

DUKE ENERGY CAROLINAS
ACCOUNT 368 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,607,067,867 | 1,772,392 | 0.0011 | 0.9989 | 100.00 |
| 0.5 | 1,591,193,811 | 14,561,003 | 0.0092 | 0.9908 | 99.89 |
| 1.5 | 1,555,567,455 | 9,591,395 | 0.0062 | 0.9938 | 98.98 |
| 2.5 | 1,500,823,251 | 11,330,982 | 0.0075 | 0.9925 | 98.37 |
| 3.5 | 1,434,143,103 | 9,337,443 | 0.0065 | 0.9935 | 97.62 |
| 4.5 | 1,369,487,050 | 12,613,988 | 0.0092 | 0.9908 | 96.99 |
| 5.5 | 1,316,169,303 | 12,357,316 | 0.0094 | 0.9906 | 96.09 |
| 6.5 | 1,280,324,722 | 10,371,250 | 0.0081 | 0.9919 | 95.19 |
| 7.5 | 1,215,203,107 | 6,995,031 | 0.0058 | 0.9942 | 94.42 |
| 8.5 | 1,169,725,098 | 7,094,173 | 0.0061 | 0.9939 | 93.88 |
| 9.5 | 1,129,007,637 | 8,419,692 | 0.0075 | 0.9925 | 93.31 |
| 10.5 | 1,073,528,189 | 7,929,101 | 0.0074 | 0.9926 | 92.61 |
| 11.5 | 1,014,011,575 | 9,104,958 | 0.0090 | 0.9910 | 91.93 |
| 12.5 | 966,721,184 | 7,547,734 | 0.0078 | 0.9922 | 91.10 |
| 13.5 | 921,610,789 | 7,862,192 | 0.0085 | 0.9915 | 90.39 |
| 14.5 | 886,027,386 | 6,630,412 | 0.0075 | 0.9925 | 89.62 |
| 15.5 | 848,697,175 | 6,485,694 | 0.0076 | 0.9924 | 88.95 |
| 16.5 | 812,616,968 | 7,267,731 | 0.0089 | 0.9911 | 88.27 |
| 17.5 | 776,899,222 | 7,985,676 | 0.0103 | 0.9897 | 87.48 |
| 18.5 | 728,811,874 | 8,898,444 | 0.0122 | 0.9878 | 86.58 |
| 19.5 | 688,958,649 | 9,073,417 | 0.0132 | 0.9868 | 85.52 |
| 20.5 | 634,895,521 | 9,608,039 | 0.0151 | 0.9849 | 84.40 |
| 21.5 | 577,716,540 | 10,134,335 | 0.0175 | 0.9825 | 83.12 |
| 22.5 | 514,173,651 | 9,362,199 | 0.0182 | 0.9818 | 81.66 |
| 23.5 | 430,122,386 | 8,207,378 | 0.0191 | 0.9809 | 80.18 |
| 24.5 | 397,901,504 | 6,763,658 | 0.0170 | 0.9830 | 78.65 |
| 25.5 | 351,603,536 | 5,797,266 | 0.0165 | 0.9835 | 77.31 |
| 26.5 | 315,843,553 | 6,132,959 | 0.0194 | 0.9806 | 76.03 |
| 27.5 | 284,000,330 | 10,421,242 | 0.0367 | 0.9633 | 74.56 |
| 28.5 | 252,206,060 | 7,426,310 | 0.0294 | 0.9706 | 71.82 |
| 29.5 | 229,518,475 | 5,129,276 | 0.0223 | 0.9777 | 69.71 |
| 30.5 | 209,871,925 | 4,727,436 | 0.0225 | 0.9775 | 68.15 |
| 31.5 | 193,781,831 | 4,169,722 | 0.0215 | 0.9785 | 66.61 |
| 32.5 | 175,006,445 | 3,781,850 | 0.0216 | 0.9784 | 65.18 |
| 33.5 | 156,782,971 | 2,695,882 | 0.0172 | 0.9828 | 63.77 |
| 34.5 | 134,668,873 | 2,617,493 | 0.0194 | 0.9806 | 62.68 |
| 35.5 | 126,513,515 | 2,527,888 | 0.0200 | 0.9800 | 61.46 |
| 36.5 | 120,185,502 | 3,276,119 | 0.0273 | 0.9727 | 60.23 |
| 37.5 | 99,303,853 | 3,173,452 | 0.0320 | 0.9680 | 58.59 |
| 38.5 | 80,876,348 | 1,622,684 | 0.0201 | 0.9799 | 56.72 |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 70,249,355 | 947,882 | 0.0135 | 0.9865 | 55.58 |
| 40.5 | 58,865,013 | 1,146,402 | 0.0195 | 0.9805 | 54.83 |
| 41.5 | 50,506,962 | 2,387,641 | 0.0473 | 0.9527 | 53.76 |
| 42.5 | 39,650,633 | 2,320,919 | 0.0585 | 0.9415 | 51.22 |
| 43.5 | 31,196,455 | 1,953,292 | 0.0626 | 0.9374 | 48.22 |
| 44.5 | 22,743,005 | 1,631,847 | 0.0718 | 0.9282 | 45.20 |
| 45.5 | 17,940,182 | 1,909,335 | 0.1064 | 0.8936 | 41.96 |
| 46.5 | 13,079,815 | 706,921 | 0.0540 | 0.9460 | 37.49 |
| 47.5 | 10,479,216 | 772,433 | 0.0737 | 0.9263 | 35.47 |
| 48.5 | 8,398,996 | 334,597 | 0.0398 | 0.9602 | 32.85 |
| 49.5 | 3,120,872 | 41,343 | 0.0132 | 0.9868 | 31.54 |
| 50.5 | 2,994,375 | 45,688 | 0.0153 | 0.9847 | 31.13 |
| 51.5 | 302,355 | 2,312 | 0.0076 | 0.9924 | 30.65 |
| 52.5 | 244,865 | 3,430 | 0.0140 | 0.9860 | 30.42 |
| 53.5 | 206,345 | 3,126 | 0.0151 | 0.9849 | 29.99 |
| 54.5 | 165,852 | 675 | 0.0041 | 0.9959 | 29.54 |
| 55.5 | 151,997 | 262 | 0.0017 | 0.9983 | 29.42 |
| 56.5 | 126,258 | 4,908 | 0.0389 | 0.9611 | 29.36 |
| 57.5 | 104,022 | 3,400 | 0.0327 | 0.9673 | 28.22 |
| 58.5 | 83,462 | 1,697 | 0.0203 | 0.9797 | 27.30 |
| 59.5 | 68,023 | 4,001 | 0.0588 | 0.9412 | 26.75 |
| 60.5 | 50,632 | 1,990 | 0.0393 | 0.9607 | 25.17 |
| 61.5 | 38,568 | 879 | 0.0228 | 0.9772 | 24.18 |
| 62.5 | 32,729 | 1,649 | 0.0504 | 0.9496 | 23.63 |
| 63.5 | 20,795 | 971 | 0.0467 | 0.9533 | 22.44 |
| 64.5 | 13,311 | 321 | 0.0241 | 0.9759 | 21.39 |
| 65.5 | 9,280 | 874 | 0.0942 | 0.9058 | 20.88 |
| 66.5 | 4,671 | | 0.0000 | 1.0000 | 18.91 |
| 67.5 | 5,097 | 1,665 | 0.3267 | 0.6733 | 18.91 |
| 68.5 | 3,445 | 300 | 0.0871 | 0.9129 | 12.73 |
| 69.5 | 4,396 | | 0.0000 | 1.0000 | 11.62 |
| 70.5 | 22,371 | 426 | 0.0191 | 0.9809 | 11.62 |
| 71.5 | 23,065 | 194 | 0.0084 | 0.9916 | 11.40 |
| 72.5 | 28,124 | 532 | 0.0189 | 0.9811 | 11.31 |
| 73.5 | 9,723 | | 0.0000 | 1.0000 | 11.09 |
| 74.5 | 9,723 | 330 | 0.0339 | 0.9661 | 11.09 |
| 75.5 | 9,393 | | 0.0000 | 1.0000 | 10.72 |
| 76.5 | 9,104 | | 0.0000 | 1.0000 | 10.72 |
| 77.5 | 9,091 | 260 | 0.0285 | 0.9715 | 10.72 |
| 78.5 | 7,777 | 54 | 0.0070 | 0.9930 | 10.41 |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 7,510 | | 0.0000 | 1.0000 | 10.34 |
| 80.5 | 5,826 | 1,382 | 0.2372 | 0.7628 | 10.34 |
| 81.5 | 200 | | 0.0000 | 1.0000 | 7.89 |
| 82.5 | | | | | 7.89 |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,051,730,755 | 1,525,586 | 0.0015 | 0.9985 | 100.00 |
| 0.5 | 1,080,163,333 | 10,468,135 | 0.0097 | 0.9903 | 99.85 |
| 1.5 | 1,080,319,773 | 6,125,462 | 0.0057 | 0.9943 | 98.89 |
| 2.5 | 1,060,258,691 | 7,983,021 | 0.0075 | 0.9925 | 98.33 |
| 3.5 | 1,024,313,698 | 6,283,347 | 0.0061 | 0.9939 | 97.59 |
| 4.5 | 986,923,442 | 8,028,941 | 0.0081 | 0.9919 | 96.99 |
| 5.5 | 956,988,613 | 6,976,232 | 0.0073 | 0.9927 | 96.20 |
| 6.5 | 948,609,538 | 7,095,019 | 0.0075 | 0.9925 | 95.50 |
| 7.5 | 908,478,409 | 6,348,313 | 0.0070 | 0.9930 | 94.78 |
| 8.5 | 878,689,097 | 6,117,428 | 0.0070 | 0.9930 | 94.12 |
| 9.5 | 854,395,448 | 6,822,103 | 0.0080 | 0.9920 | 93.47 |
| 10.5 | 806,071,338 | 5,821,941 | 0.0072 | 0.9928 | 92.72 |
| 11.5 | 753,973,949 | 6,497,178 | 0.0086 | 0.9914 | 92.05 |
| 12.5 | 738,059,726 | 5,447,862 | 0.0074 | 0.9926 | 91.26 |
| 13.5 | 718,027,852 | 5,840,039 | 0.0081 | 0.9919 | 90.58 |
| 14.5 | 703,616,272 | 5,163,968 | 0.0073 | 0.9927 | 89.85 |
| 15.5 | 683,630,729 | 5,386,676 | 0.0079 | 0.9921 | 89.19 |
| 16.5 | 664,523,089 | 6,125,608 | 0.0092 | 0.9908 | 88.48 |
| 17.5 | 649,424,167 | 7,019,797 | 0.0108 | 0.9892 | 87.67 |
| 18.5 | 616,398,723 | 7,816,090 | 0.0127 | 0.9873 | 86.72 |
| 19.5 | 591,564,746 | 7,471,864 | 0.0126 | 0.9874 | 85.62 |
| 20.5 | 551,897,176 | 7,724,361 | 0.0140 | 0.9860 | 84.54 |
| 21.5 | 505,307,948 | 8,138,414 | 0.0161 | 0.9839 | 83.36 |
| 22.5 | 449,622,280 | 7,661,826 | 0.0170 | 0.9830 | 82.01 |
| 23.5 | 373,939,763 | 6,261,241 | 0.0167 | 0.9833 | 80.62 |
| 24.5 | 349,250,295 | 5,828,046 | 0.0167 | 0.9833 | 79.27 |
| 25.5 | 308,402,476 | 5,237,085 | 0.0170 | 0.9830 | 77.94 |
| 26.5 | 315,843,553 | 6,132,959 | 0.0194 | 0.9806 | 76.62 |
| 27.5 | 284,000,330 | 10,421,242 | 0.0367 | 0.9633 | 75.13 |
| 28.5 | 252,206,060 | 7,426,310 | 0.0294 | 0.9706 | 72.38 |
| 29.5 | 229,518,475 | 5,129,276 | 0.0223 | 0.9777 | 70.24 |
| 30.5 | 209,871,925 | 4,727,436 | 0.0225 | 0.9775 | 68.67 |
| 31.5 | 193,781,831 | 4,169,722 | 0.0215 | 0.9785 | 67.13 |
| 32.5 | 175,006,445 | 3,781,850 | 0.0216 | 0.9784 | 65.68 |
| 33.5 | 156,782,971 | 2,695,882 | 0.0172 | 0.9828 | 64.26 |
| 34.5 | 134,668,873 | 2,617,493 | 0.0194 | 0.9806 | 63.16 |
| 35.5 | 126,513,515 | 2,527,888 | 0.0200 | 0.9800 | 61.93 |
| 36.5 | 120,185,502 | 3,276,119 | 0.0273 | 0.9727 | 60.69 |
| 37.5 | 99,303,853 | 3,173,452 | 0.0320 | 0.9680 | 59.04 |
| 38.5 | 80,876,348 | 1,622,684 | 0.0201 | 0.9799 | 57.15 |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 70,249,355 | 947,882 | 0.0135 | 0.9865 | 56.01 |
| 40.5 | 58,865,013 | 1,146,402 | 0.0195 | 0.9805 | 55.25 |
| 41.5 | 50,506,962 | 2,387,641 | 0.0473 | 0.9527 | 54.17 |
| 42.5 | 39,650,633 | 2,320,919 | 0.0585 | 0.9415 | 51.61 |
| 43.5 | 31,196,455 | 1,953,292 | 0.0626 | 0.9374 | 48.59 |
| 44.5 | 22,743,005 | 1,631,847 | 0.0718 | 0.9282 | 45.55 |
| 45.5 | 17,940,182 | 1,909,335 | 0.1064 | 0.8936 | 42.28 |
| 46.5 | 13,079,815 | 706,921 | 0.0540 | 0.9460 | 37.78 |
| 47.5 | 10,479,216 | 772,433 | 0.0737 | 0.9263 | 35.74 |
| 48.5 | 8,398,996 | 334,597 | 0.0398 | 0.9602 | 33.10 |
| 49.5 | 3,120,872 | 41,343 | 0.0132 | 0.9868 | 31.79 |
| 50.5 | 2,994,375 | 45,688 | 0.0153 | 0.9847 | 31.37 |
| 51.5 | 302,251 | 2,312 | 0.0076 | 0.9924 | 30.89 |
| 52.5 | 244,761 | 3,430 | 0.0140 | 0.9860 | 30.65 |
| 53.5 | 206,241 | 3,126 | 0.0152 | 0.9848 | 30.22 |
| 54.5 | 165,748 | 675 | 0.0041 | 0.9959 | 29.76 |
| 55.5 | 151,893 | 262 | 0.0017 | 0.9983 | 29.64 |
| 56.5 | 126,154 | 4,908 | 0.0389 | 0.9611 | 29.59 |
| 57.5 | 103,918 | 3,400 | 0.0327 | 0.9673 | 28.44 |
| 58.5 | 83,358 | 1,697 | 0.0204 | 0.9796 | 27.51 |
| 59.5 | 67,919 | 4,001 | 0.0589 | 0.9411 | 26.95 |
| 60.5 | 50,528 | 1,990 | 0.0394 | 0.9606 | 25.36 |
| 61.5 | 38,464 | 879 | 0.0229 | 0.9771 | 24.36 |
| 62.5 | 32,625 | 1,649 | 0.0506 | 0.9494 | 23.81 |
| 63.5 | 20,691 | 971 | 0.0469 | 0.9531 | 22.60 |
| 64.5 | 13,207 | 321 | 0.0243 | 0.9757 | 21.54 |
| 65.5 | 9,176 | 874 | 0.0952 | 0.9048 | 21.02 |
| 66.5 | 4,567 | | 0.0000 | 1.0000 | 19.02 |
| 67.5 | 4,993 | 1,665 | 0.3335 | 0.6665 | 19.02 |
| 68.5 | 3,341 | 300 | 0.0898 | 0.9102 | 12.67 |
| 69.5 | 4,292 | | 0.0000 | 1.0000 | 11.54 |
| 70.5 | 22,267 | 426 | 0.0191 | 0.9809 | 11.54 |
| 71.5 | 22,961 | 194 | 0.0084 | 0.9916 | 11.32 |
| 72.5 | 28,020 | 532 | 0.0190 | 0.9810 | 11.22 |
| 73.5 | 9,619 | | 0.0000 | 1.0000 | 11.01 |
| 74.5 | 9,619 | 330 | 0.0343 | 0.9657 | 11.01 |
| 75.5 | 9,289 | | 0.0000 | 1.0000 | 10.63 |
| 76.5 | 9,000 | | 0.0000 | 1.0000 | 10.63 |
| 77.5 | 8,987 | 260 | 0.0289 | 0.9711 | 10.63 |
| 78.5 | 7,777 | 54 | 0.0070 | 0.9930 | 10.32 |

DUKE ENERGY CAROLINAS

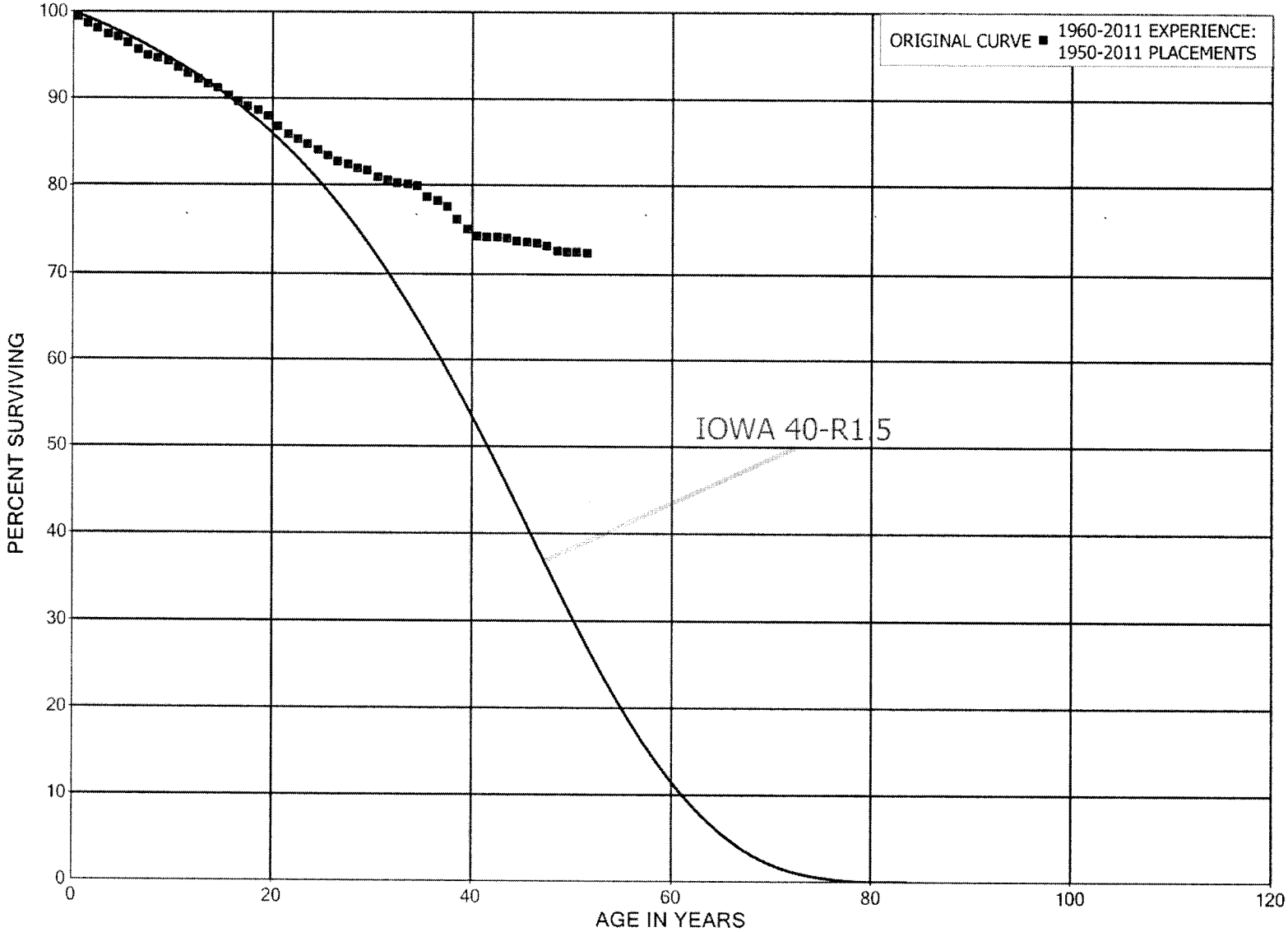
ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 79.5 | 7,510 | | 0.0000 | 1.0000 | 10.25 |
| 80.5 | 5,826 | 1,382 | 0.2372 | 0.7628 | 10.25 |
| 81.5 | 200 | | 0.0000 | 1.0000 | 7.82 |
| 82.5 | | | | | 7.82 |

DUKE ENERGY CAROLINAS
ACCOUNT 369 SERVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 369 SERVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 929,253,614 | 5,310,532 | 0.0057 | 0.9943 | 100.00 |
| 0.5 | 883,699,848 | 7,338,512 | 0.0083 | 0.9917 | 99.43 |
| 1.5 | 843,800,714 | 4,536,766 | 0.0054 | 0.9946 | 98.60 |
| 2.5 | 795,891,225 | 5,199,953 | 0.0065 | 0.9935 | 98.07 |
| 3.5 | 775,400,109 | 3,189,364 | 0.0041 | 0.9959 | 97.43 |
| 4.5 | 733,304,649 | 4,922,714 | 0.0067 | 0.9933 | 97.03 |
| 5.5 | 688,276,319 | 5,069,336 | 0.0074 | 0.9926 | 96.38 |
| 6.5 | 648,804,869 | 4,592,847 | 0.0071 | 0.9929 | 95.67 |
| 7.5 | 615,275,376 | 2,154,034 | 0.0035 | 0.9965 | 94.99 |
| 8.5 | 600,991,601 | 2,318,495 | 0.0039 | 0.9961 | 94.66 |
| 9.5 | 564,460,892 | 4,901,362 | 0.0087 | 0.9913 | 94.29 |
| 10.5 | 528,473,663 | 3,534,894 | 0.0067 | 0.9933 | 93.48 |
| 11.5 | 484,909,076 | 3,635,581 | 0.0075 | 0.9925 | 92.85 |
| 12.5 | 447,607,754 | 2,741,893 | 0.0061 | 0.9939 | 92.15 |
| 13.5 | 418,246,831 | 2,117,840 | 0.0051 | 0.9949 | 91.59 |
| 14.5 | 383,144,031 | 3,720,973 | 0.0097 | 0.9903 | 91.13 |
| 15.5 | 352,564,911 | 2,481,638 | 0.0070 | 0.9930 | 90.24 |
| 16.5 | 328,836,938 | 2,008,022 | 0.0061 | 0.9939 | 89.61 |
| 17.5 | 304,682,383 | 1,561,237 | 0.0051 | 0.9949 | 89.06 |
| 18.5 | 277,660,221 | 2,152,270 | 0.0078 | 0.9922 | 88.60 |
| 19.5 | 257,720,769 | 3,332,813 | 0.0129 | 0.9871 | 87.92 |
| 20.5 | 235,231,991 | 2,473,470 | 0.0105 | 0.9895 | 86.78 |
| 21.5 | 208,950,557 | 1,342,736 | 0.0064 | 0.9936 | 85.87 |
| 22.5 | 183,256,609 | 1,149,498 | 0.0063 | 0.9937 | 85.31 |
| 23.5 | 157,349,733 | 1,339,329 | 0.0085 | 0.9915 | 84.78 |
| 24.5 | 141,577,755 | 1,125,528 | 0.0079 | 0.9921 | 84.06 |
| 25.5 | 133,123,585 | 981,732 | 0.0074 | 0.9926 | 83.39 |
| 26.5 | 123,688,243 | 632,388 | 0.0051 | 0.9949 | 82.77 |
| 27.5 | 111,408,407 | 507,072 | 0.0046 | 0.9954 | 82.35 |
| 28.5 | 97,892,683 | 342,816 | 0.0035 | 0.9965 | 81.98 |
| 29.5 | 88,890,960 | 840,482 | 0.0095 | 0.9905 | 81.69 |
| 30.5 | 78,727,881 | 332,017 | 0.0042 | 0.9958 | 80.92 |
| 31.5 | 72,173,129 | 262,944 | 0.0036 | 0.9964 | 80.58 |
| 32.5 | 64,007,692 | 107,952 | 0.0017 | 0.9983 | 80.28 |
| 33.5 | 57,338,832 | 178,469 | 0.0031 | 0.9969 | 80.15 |
| 34.5 | 50,777,650 | 762,275 | 0.0150 | 0.9850 | 79.90 |
| 35.5 | 45,246,777 | 232,085 | 0.0051 | 0.9949 | 78.70 |
| 36.5 | 43,443,652 | 398,481 | 0.0092 | 0.9908 | 78.29 |
| 37.5 | 36,817,716 | 663,573 | 0.0180 | 0.9820 | 77.58 |
| 38.5 | 31,779,577 | 449,173 | 0.0141 | 0.9859 | 76.18 |

DUKE ENERGY CAROLINAS

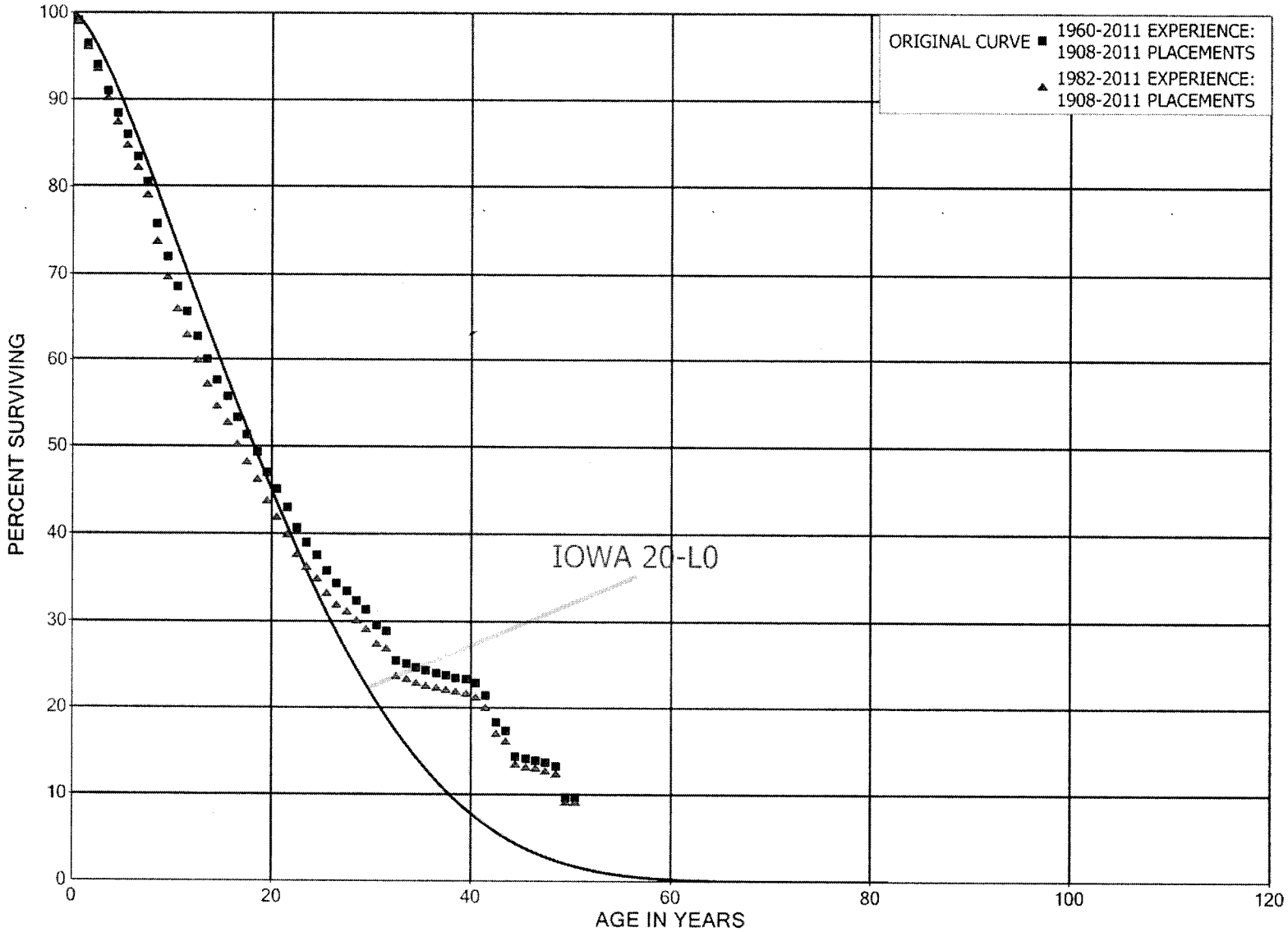
ACCOUNT 369 SERVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 26,750,571 | 305,039 | 0.0114 | 0.9886 | 75.10 |
| 40.5 | 23,195,360 | 10,592 | 0.0005 | 0.9995 | 74.25 |
| 41.5 | 22,396,684 | 25,282 | 0.0011 | 0.9989 | 74.21 |
| 42.5 | 18,993,106 | 7,752 | 0.0004 | 0.9996 | 74.13 |
| 43.5 | 18,184,145 | 78,762 | 0.0043 | 0.9957 | 74.10 |
| 44.5 | 15,911,788 | 30,465 | 0.0019 | 0.9981 | 73.78 |
| 45.5 | 13,944,170 | 30,935 | 0.0022 | 0.9978 | 73.63 |
| 46.5 | 13,385,741 | 63,649 | 0.0048 | 0.9952 | 73.47 |
| 47.5 | 11,484,475 | 79,953 | 0.0070 | 0.9930 | 73.12 |
| 48.5 | 9,612,505 | 17,649 | 0.0018 | 0.9982 | 72.61 |
| 49.5 | 8,081,323 | 2,549 | 0.0003 | 0.9997 | 72.48 |
| 50.5 | 6,664,985 | 10,378 | 0.0016 | 0.9984 | 72.46 |
| 51.5 | | | | | 72.34 |

DUKE ENERGY CAROLINAS
ACCOUNT 370 METERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 630,510,534 | 5,593,284 | 0.0089 | 0.9911 | 100.00 |
| 0.5 | 609,588,390 | 16,745,431 | 0.0275 | 0.9725 | 99.11 |
| 1.5 | 576,024,148 | 14,407,923 | 0.0250 | 0.9750 | 96.39 |
| 2.5 | 537,614,554 | 17,491,522 | 0.0325 | 0.9675 | 93.98 |
| 3.5 | 506,764,800 | 14,014,312 | 0.0277 | 0.9723 | 90.92 |
| 4.5 | 482,810,416 | 13,678,430 | 0.0283 | 0.9717 | 88.41 |
| 5.5 | 457,654,383 | 13,105,029 | 0.0286 | 0.9714 | 85.90 |
| 6.5 | 432,627,009 | 15,183,142 | 0.0351 | 0.9649 | 83.44 |
| 7.5 | 331,627,951 | 19,697,195 | 0.0594 | 0.9406 | 80.51 |
| 8.5 | 274,584,467 | 13,788,852 | 0.0502 | 0.9498 | 75.73 |
| 9.5 | 236,398,888 | 11,130,926 | 0.0471 | 0.9529 | 71.93 |
| 10.5 | 221,104,056 | 9,567,758 | 0.0433 | 0.9567 | 68.54 |
| 11.5 | 209,623,831 | 9,049,327 | 0.0432 | 0.9568 | 65.58 |
| 12.5 | 197,393,423 | 8,432,866 | 0.0427 | 0.9573 | 62.75 |
| 13.5 | 185,924,299 | 7,481,888 | 0.0402 | 0.9598 | 60.06 |
| 14.5 | 175,489,010 | 5,747,242 | 0.0327 | 0.9673 | 57.65 |
| 15.5 | 165,789,749 | 7,513,834 | 0.0453 | 0.9547 | 55.76 |
| 16.5 | 154,748,494 | 5,562,431 | 0.0359 | 0.9641 | 53.23 |
| 17.5 | 144,881,211 | 5,636,085 | 0.0389 | 0.9611 | 51.32 |
| 18.5 | 134,780,866 | 6,418,178 | 0.0476 | 0.9524 | 49.32 |
| 19.5 | 125,326,847 | 5,216,793 | 0.0416 | 0.9584 | 46.97 |
| 20.5 | 116,385,585 | 5,397,065 | 0.0464 | 0.9536 | 45.02 |
| 21.5 | 103,526,099 | 5,701,875 | 0.0551 | 0.9449 | 42.93 |
| 22.5 | 92,814,619 | 3,779,914 | 0.0407 | 0.9593 | 40.57 |
| 23.5 | 83,552,713 | 3,033,876 | 0.0363 | 0.9637 | 38.91 |
| 24.5 | 76,525,656 | 3,570,312 | 0.0467 | 0.9533 | 37.50 |
| 25.5 | 68,589,875 | 2,736,681 | 0.0399 | 0.9601 | 35.75 |
| 26.5 | 60,644,173 | 1,617,419 | 0.0267 | 0.9733 | 34.33 |
| 27.5 | 55,003,267 | 1,811,849 | 0.0329 | 0.9671 | 33.41 |
| 28.5 | 48,802,039 | 1,541,602 | 0.0316 | 0.9684 | 32.31 |
| 29.5 | 43,304,445 | 2,429,096 | 0.0561 | 0.9439 | 31.29 |
| 30.5 | 37,529,992 | 849,825 | 0.0226 | 0.9774 | 29.53 |
| 31.5 | 34,127,894 | 4,143,996 | 0.1214 | 0.8786 | 28.86 |
| 32.5 | 27,531,806 | 296,203 | 0.0108 | 0.9892 | 25.36 |
| 33.5 | 25,395,868 | 488,297 | 0.0192 | 0.9808 | 25.09 |
| 34.5 | 23,305,707 | 340,710 | 0.0146 | 0.9854 | 24.60 |
| 35.5 | 21,301,872 | 290,489 | 0.0136 | 0.9864 | 24.25 |
| 36.5 | 20,671,799 | 195,855 | 0.0095 | 0.9905 | 23.91 |
| 37.5 | 18,251,694 | 191,503 | 0.0105 | 0.9895 | 23.69 |
| 38.5 | 16,874,470 | 143,970 | 0.0085 | 0.9915 | 23.44 |

DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 15,713,703 | 299,084 | 0.0190 | 0.9810 | 23.24 |
| 40.5 | 14,528,124 | 895,008 | 0.0616 | 0.9384 | 22.80 |
| 41.5 | 12,723,652 | 1,879,703 | 0.1477 | 0.8523 | 21.39 |
| 42.5 | 10,169,410 | 551,808 | 0.0543 | 0.9457 | 18.23 |
| 43.5 | 9,124,422 | 1,558,779 | 0.1708 | 0.8292 | 17.24 |
| 44.5 | 7,031,678 | 120,506 | 0.0171 | 0.9829 | 14.30 |
| 45.5 | 6,428,947 | 75,735 | 0.0118 | 0.9882 | 14.05 |
| 46.5 | 5,992,026 | 139,301 | 0.0232 | 0.9768 | 13.89 |
| 47.5 | 5,473,057 | 175,510 | 0.0321 | 0.9679 | 13.56 |
| 48.5 | 4,905,555 | 1,300,145 | 0.2650 | 0.7350 | 13.13 |
| 49.5 | 3,230,033 | 2,968 | 0.0009 | 0.9991 | 9.65 |
| 50.5 | 2,936,158 | 1,665 | 0.0006 | 0.9994 | 9.64 |
| 51.5 | 3,390 | | 0.0000 | 1.0000 | 9.63 |
| 52.5 | 3,346 | | 0.0000 | 1.0000 | 9.63 |
| 53.5 | 3,346 | | 0.0000 | 1.0000 | 9.63 |
| 54.5 | 2,297 | | 0.0000 | 1.0000 | 9.63 |
| 55.5 | 2,297 | 16 | 0.0070 | 0.9930 | 9.63 |
| 56.5 | 2,281 | | 0.0000 | 1.0000 | 9.57 |
| 57.5 | 2,240 | | 0.0000 | 1.0000 | 9.57 |
| 58.5 | 929 | | 0.0000 | 1.0000 | 9.57 |
| 59.5 | 929 | | 0.0000 | 1.0000 | 9.57 |
| 60.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 61.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 62.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 63.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 64.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 65.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 66.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 67.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 68.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 69.5 | 238 | | 0.0000 | 1.0000 | 9.57 |
| 70.5 | 238 | 122 | 0.5126 | 0.4874 | 9.57 |
| 71.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 72.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 73.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 74.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 75.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 76.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 77.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 78.5 | 238 | | 0.0000 | 1.0000 | 4.66 |
| 79.5 | | | | | 4.66 |

DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1982-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 547,035,911 | 5,588,231 | 0.0102 | 0.9898 | 100.00 |
| 0.5 | 533,187,683 | 16,169,155 | 0.0303 | 0.9697 | 98.98 |
| 1.5 | 506,254,230 | 13,756,465 | 0.0272 | 0.9728 | 95.98 |
| 2.5 | 474,861,225 | 16,960,521 | 0.0357 | 0.9643 | 93.37 |
| 3.5 | 449,166,813 | 13,464,391 | 0.0300 | 0.9700 | 90.03 |
| 4.5 | 428,609,282 | 13,179,507 | 0.0307 | 0.9693 | 87.34 |
| 5.5 | 408,428,257 | 12,623,426 | 0.0309 | 0.9691 | 84.65 |
| 6.5 | 385,027,993 | 14,654,984 | 0.0381 | 0.9619 | 82.03 |
| 7.5 | 289,682,719 | 19,433,505 | 0.0671 | 0.9329 | 78.91 |
| 8.5 | 236,173,305 | 13,210,346 | 0.0559 | 0.9441 | 73.62 |
| 9.5 | 201,096,325 | 10,553,719 | 0.0525 | 0.9475 | 69.50 |
| 10.5 | 188,149,153 | 8,647,014 | 0.0460 | 0.9540 | 65.85 |
| 11.5 | 179,028,722 | 8,385,401 | 0.0468 | 0.9532 | 62.83 |
| 12.5 | 168,677,338 | 8,020,222 | 0.0475 | 0.9525 | 59.88 |
| 13.5 | 158,515,963 | 6,973,300 | 0.0440 | 0.9560 | 57.04 |
| 14.5 | 149,340,282 | 5,284,002 | 0.0354 | 0.9646 | 54.53 |
| 15.5 | 140,907,106 | 6,900,962 | 0.0490 | 0.9510 | 52.60 |
| 16.5 | 131,198,492 | 5,153,115 | 0.0393 | 0.9607 | 50.02 |
| 17.5 | 122,550,524 | 5,205,196 | 0.0425 | 0.9575 | 48.06 |
| 18.5 | 113,677,721 | 5,816,037 | 0.0512 | 0.9488 | 46.02 |
| 19.5 | 105,988,634 | 4,635,754 | 0.0437 | 0.9563 | 43.66 |
| 20.5 | 98,524,851 | 4,758,946 | 0.0483 | 0.9517 | 41.75 |
| 21.5 | 103,521,257 | 5,701,875 | 0.0551 | 0.9449 | 39.73 |
| 22.5 | 92,809,958 | 3,779,914 | 0.0407 | 0.9593 | 37.55 |
| 23.5 | 83,548,052 | 3,033,876 | 0.0363 | 0.9637 | 36.02 |
| 24.5 | 76,522,501 | 3,570,312 | 0.0467 | 0.9533 | 34.71 |
| 25.5 | 68,586,720 | 2,736,681 | 0.0399 | 0.9601 | 33.09 |
| 26.5 | 60,641,018 | 1,617,419 | 0.0267 | 0.9733 | 31.77 |
| 27.5 | 55,000,179 | 1,811,849 | 0.0329 | 0.9671 | 30.92 |
| 28.5 | 48,800,902 | 1,541,602 | 0.0316 | 0.9684 | 29.90 |
| 29.5 | 43,303,308 | 2,429,096 | 0.0561 | 0.9439 | 28.96 |
| 30.5 | 37,529,992 | 849,825 | 0.0226 | 0.9774 | 27.33 |
| 31.5 | 34,127,894 | 4,143,996 | 0.1214 | 0.8786 | 26.72 |
| 32.5 | 27,531,806 | 296,203 | 0.0108 | 0.9892 | 23.47 |
| 33.5 | 25,395,868 | 488,297 | 0.0192 | 0.9808 | 23.22 |
| 34.5 | 23,305,707 | 340,710 | 0.0146 | 0.9854 | 22.77 |
| 35.5 | 21,301,872 | 290,489 | 0.0136 | 0.9864 | 22.44 |
| 36.5 | 20,671,799 | 195,855 | 0.0095 | 0.9905 | 22.13 |
| 37.5 | 18,251,694 | 191,503 | 0.0105 | 0.9895 | 21.92 |
| 38.5 | 16,874,470 | 143,970 | 0.0085 | 0.9915 | 21.69 |

DUKE ENERGY CAROLINAS

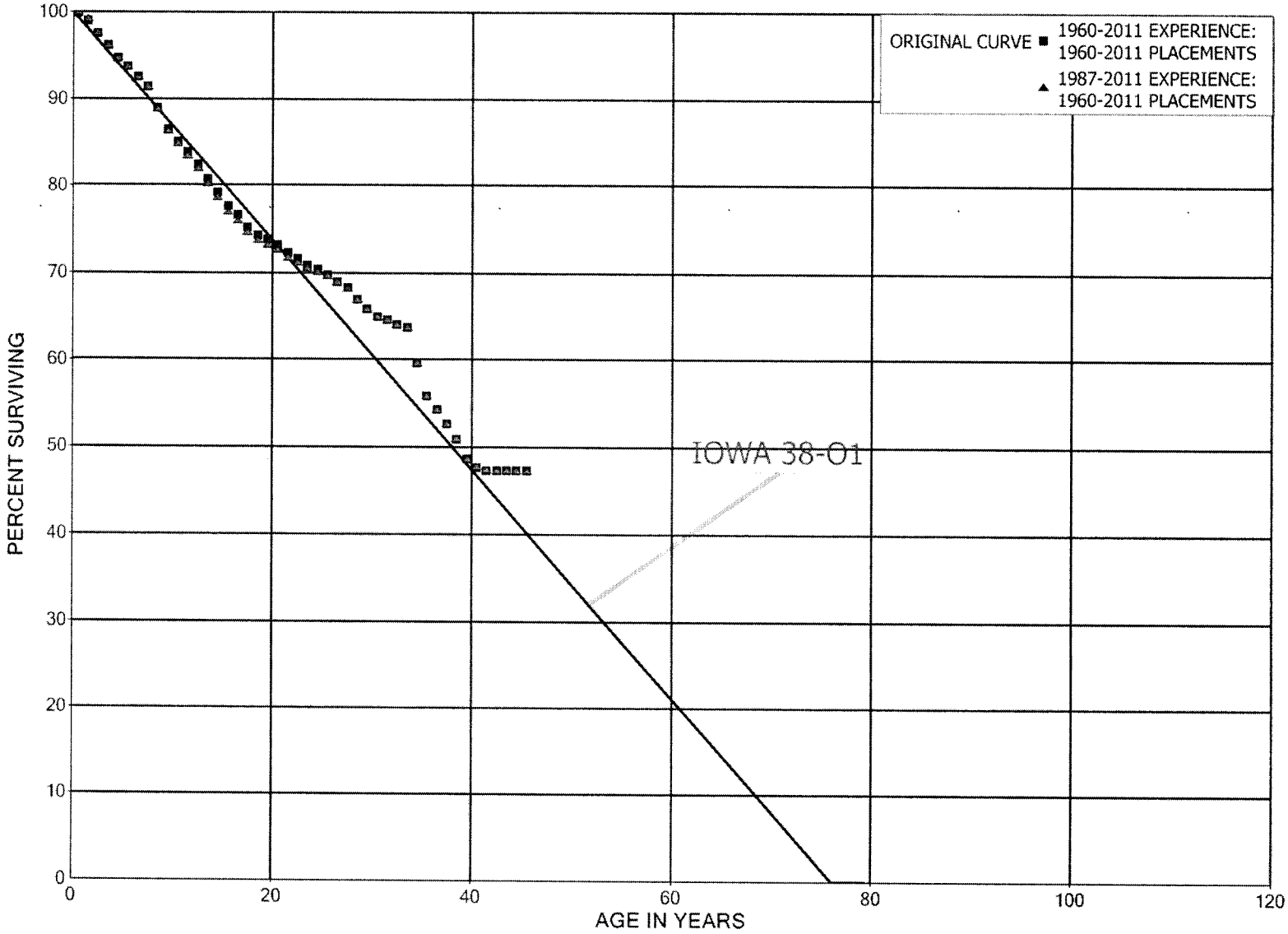
ACCOUNT 370 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2011 EXPERIENCE BAND 1982-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 15,713,703 | 299,084 | 0.0190 | 0.9810 | 21.51 |
| 40.5 | 14,528,124 | 895,008 | 0.0616 | 0.9384 | 21.10 |
| 41.5 | 12,723,652 | 1,879,703 | 0.1477 | 0.8523 | 19.80 |
| 42.5 | 10,169,410 | 551,808 | 0.0543 | 0.9457 | 16.87 |
| 43.5 | 9,124,422 | 1,558,779 | 0.1708 | 0.8292 | 15.96 |
| 44.5 | 7,031,678 | 120,506 | 0.0171 | 0.9829 | 13.23 |
| 45.5 | 6,428,947 | 75,735 | 0.0118 | 0.9882 | 13.01 |
| 46.5 | 5,992,026 | 139,301 | 0.0232 | 0.9768 | 12.85 |
| 47.5 | 5,473,057 | 175,510 | 0.0321 | 0.9679 | 12.55 |
| 48.5 | 4,905,555 | 1,300,145 | 0.2650 | 0.7350 | 12.15 |
| 49.5 | 3,230,033 | 2,968 | 0.0009 | 0.9991 | 8.93 |
| 50.5 | 2,936,158 | 1,665 | 0.0006 | 0.9994 | 8.92 |
| 51.5 | 3,152 | | 0.0000 | 1.0000 | 8.92 |
| 52.5 | 3,108 | | 0.0000 | 1.0000 | 8.92 |
| 53.5 | 3,108 | | 0.0000 | 1.0000 | 8.92 |
| 54.5 | 2,059 | | 0.0000 | 1.0000 | 8.92 |
| 55.5 | 2,059 | 16 | 0.0078 | 0.9922 | 8.92 |
| 56.5 | 2,043 | | 0.0000 | 1.0000 | 8.85 |
| 57.5 | 2,002 | | 0.0000 | 1.0000 | 8.85 |
| 58.5 | 691 | | 0.0000 | 1.0000 | 8.85 |
| 59.5 | 691 | | 0.0000 | 1.0000 | 8.85 |
| 60.5 | | | | | 8.85 |
| 61.5 | | | | | |
| 62.5 | | | | | |
| 63.5 | | | | | |
| 64.5 | | | | | |
| 65.5 | | | | | |
| 66.5 | | | | | |
| 67.5 | | | | | |
| 68.5 | | | | | |
| 69.5 | | | | | |
| 70.5 | | | | | |
| 71.5 | | | | | |
| 72.5 | | | | | |
| 73.5 | 238 | | 0.0000 | | |
| 74.5 | 238 | | 0.0000 | | |
| 75.5 | 238 | | 0.0000 | | |
| 76.5 | 238 | | 0.0000 | | |
| 77.5 | 238 | | 0.0000 | | |
| 78.5 | 238 | | 0.0000 | | |
| 79.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 679,136,601 | 887,257 | 0.0013 | 0.9987 | 100.00 |
| 0.5 | 659,805,985 | 5,764,240 | 0.0087 | 0.9913 | 99.87 |
| 1.5 | 629,112,272 | 9,217,004 | 0.0147 | 0.9853 | 99.00 |
| 2.5 | 591,868,986 | 8,548,861 | 0.0144 | 0.9856 | 97.55 |
| 3.5 | 540,553,718 | 7,767,335 | 0.0144 | 0.9856 | 96.14 |
| 4.5 | 492,217,262 | 5,150,197 | 0.0105 | 0.9895 | 94.76 |
| 5.5 | 451,664,591 | 6,280,102 | 0.0139 | 0.9861 | 93.76 |
| 6.5 | 418,568,021 | 4,769,307 | 0.0114 | 0.9886 | 92.46 |
| 7.5 | 374,625,663 | 9,935,634 | 0.0265 | 0.9735 | 91.41 |
| 8.5 | 340,678,235 | 9,400,205 | 0.0276 | 0.9724 | 88.98 |
| 9.5 | 304,354,337 | 4,965,598 | 0.0163 | 0.9837 | 86.53 |
| 10.5 | 281,453,342 | 4,372,036 | 0.0155 | 0.9845 | 85.12 |
| 11.5 | 250,433,708 | 4,341,732 | 0.0173 | 0.9827 | 83.79 |
| 12.5 | 225,507,671 | 4,448,618 | 0.0197 | 0.9803 | 82.34 |
| 13.5 | 200,151,708 | 3,688,974 | 0.0184 | 0.9816 | 80.72 |
| 14.5 | 177,219,816 | 3,633,746 | 0.0205 | 0.9795 | 79.23 |
| 15.5 | 159,946,562 | 2,084,212 | 0.0130 | 0.9870 | 77.60 |
| 16.5 | 144,647,475 | 2,597,784 | 0.0180 | 0.9820 | 76.59 |
| 17.5 | 129,458,978 | 1,539,451 | 0.0119 | 0.9881 | 75.22 |
| 18.5 | 113,233,663 | 826,265 | 0.0073 | 0.9927 | 74.32 |
| 19.5 | 101,057,513 | 884,791 | 0.0088 | 0.9912 | 73.78 |
| 20.5 | 84,471,438 | 1,040,215 | 0.0123 | 0.9877 | 73.14 |
| 21.5 | 70,225,175 | 652,765 | 0.0093 | 0.9907 | 72.23 |
| 22.5 | 61,312,123 | 585,216 | 0.0095 | 0.9905 | 71.56 |
| 23.5 | 51,807,736 | 331,809 | 0.0064 | 0.9936 | 70.88 |
| 24.5 | 44,449,598 | 415,392 | 0.0093 | 0.9907 | 70.43 |
| 25.5 | 39,142,309 | 472,550 | 0.0121 | 0.9879 | 69.77 |
| 26.5 | 34,404,936 | 339,567 | 0.0099 | 0.9901 | 68.93 |
| 27.5 | 30,671,614 | 565,409 | 0.0184 | 0.9816 | 68.25 |
| 28.5 | 28,919,996 | 505,978 | 0.0175 | 0.9825 | 66.99 |
| 29.5 | 26,912,305 | 339,747 | 0.0126 | 0.9874 | 65.82 |
| 30.5 | 24,583,924 | 150,551 | 0.0061 | 0.9939 | 64.98 |
| 31.5 | 23,858,902 | 199,447 | 0.0084 | 0.9916 | 64.59 |
| 32.5 | 22,576,973 | 119,052 | 0.0053 | 0.9947 | 64.05 |
| 33.5 | 21,722,893 | 1,389,853 | 0.0640 | 0.9360 | 63.71 |
| 34.5 | 19,415,598 | 1,221,250 | 0.0629 | 0.9371 | 59.63 |
| 35.5 | 17,366,216 | 494,391 | 0.0285 | 0.9715 | 55.88 |
| 36.5 | 16,761,692 | 533,072 | 0.0318 | 0.9682 | 54.29 |
| 37.5 | 13,398,221 | 428,647 | 0.0320 | 0.9680 | 52.56 |
| 38.5 | 10,781,908 | 478,754 | 0.0444 | 0.9556 | 50.88 |

DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 8,030,660 | 160,075 | 0.0199 | 0.9801 | 48.62 |
| 40.5 | 6,153,249 | 42,918 | 0.0070 | 0.9930 | 47.65 |
| 41.5 | 4,331,009 | 2,044 | 0.0005 | 0.9995 | 47.32 |
| 42.5 | 3,337,210 | | 0.0000 | 1.0000 | 47.30 |
| 43.5 | 2,846,845 | | 0.0000 | 1.0000 | 47.30 |
| 44.5 | 2,090,303 | | 0.0000 | 1.0000 | 47.30 |
| 45.5 | 1,515,175 | | 0.0000 | 1.0000 | 47.30 |
| 46.5 | 1,082,330 | | 0.0000 | 1.0000 | 47.30 |
| 47.5 | 721,641 | | 0.0000 | 1.0000 | 47.30 |
| 48.5 | 396,806 | | 0.0000 | 1.0000 | 47.30 |
| 49.5 | 134,046 | | 0.0000 | 1.0000 | 47.30 |
| 50.5 | 1,702 | | 0.0000 | 1.0000 | 47.30 |
| 51.5 | | | | | 47.30 |

DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 596,031,208 | 843,875 | 0.0014 | 0.9986 | 100.00 |
| 0.5 | 585,804,010 | 4,893,357 | 0.0084 | 0.9916 | 99.86 |
| 1.5 | 565,800,307 | 8,723,767 | 0.0154 | 0.9846 | 99.02 |
| 2.5 | 537,269,330 | 7,913,191 | 0.0147 | 0.9853 | 97.50 |
| 3.5 | 496,324,948 | 7,389,747 | 0.0149 | 0.9851 | 96.06 |
| 4.5 | 454,094,815 | 4,617,164 | 0.0102 | 0.9898 | 94.63 |
| 5.5 | 418,562,768 | 5,775,909 | 0.0138 | 0.9862 | 93.67 |
| 6.5 | 387,646,312 | 4,467,809 | 0.0115 | 0.9885 | 92.38 |
| 7.5 | 345,356,270 | 9,719,714 | 0.0281 | 0.9719 | 91.31 |
| 8.5 | 312,666,979 | 9,218,286 | 0.0295 | 0.9705 | 88.74 |
| 9.5 | 277,631,778 | 4,658,791 | 0.0168 | 0.9832 | 86.13 |
| 10.5 | 255,994,509 | 4,126,877 | 0.0161 | 0.9839 | 84.68 |
| 11.5 | 225,608,538 | 4,144,452 | 0.0184 | 0.9816 | 83.32 |
| 12.5 | 204,462,790 | 4,302,978 | 0.0210 | 0.9790 | 81.78 |
| 13.5 | 182,388,473 | 3,519,254 | 0.0193 | 0.9807 | 80.06 |
| 14.5 | 162,566,156 | 3,451,007 | 0.0212 | 0.9788 | 78.52 |
| 15.5 | 147,852,357 | 1,887,359 | 0.0128 | 0.9872 | 76.85 |
| 16.5 | 135,040,229 | 2,481,901 | 0.0184 | 0.9816 | 75.87 |
| 17.5 | 121,409,467 | 1,434,853 | 0.0118 | 0.9882 | 74.48 |
| 18.5 | 105,874,126 | 719,700 | 0.0068 | 0.9932 | 73.60 |
| 19.5 | 95,074,796 | 768,698 | 0.0081 | 0.9919 | 73.10 |
| 20.5 | 79,650,580 | 926,131 | 0.0116 | 0.9884 | 72.50 |
| 21.5 | 66,231,385 | 587,764 | 0.0089 | 0.9911 | 71.66 |
| 22.5 | 58,202,356 | 555,350 | 0.0095 | 0.9905 | 71.03 |
| 23.5 | 49,508,964 | 266,817 | 0.0054 | 0.9946 | 70.35 |
| 24.5 | 42,953,330 | 283,825 | 0.0066 | 0.9934 | 69.97 |
| 25.5 | 38,634,780 | 397,110 | 0.0103 | 0.9897 | 69.51 |
| 26.5 | 34,404,936 | 339,567 | 0.0099 | 0.9901 | 68.79 |
| 27.5 | 30,671,614 | 565,409 | 0.0184 | 0.9816 | 68.11 |
| 28.5 | 28,919,996 | 505,978 | 0.0175 | 0.9825 | 66.86 |
| 29.5 | 26,912,305 | 339,747 | 0.0126 | 0.9874 | 65.69 |
| 30.5 | 24,583,924 | 150,551 | 0.0061 | 0.9939 | 64.86 |
| 31.5 | 23,858,902 | 199,447 | 0.0084 | 0.9916 | 64.46 |
| 32.5 | 22,576,973 | 119,052 | 0.0053 | 0.9947 | 63.92 |
| 33.5 | 21,722,893 | 1,389,853 | 0.0640 | 0.9360 | 63.59 |
| 34.5 | 19,415,598 | 1,221,250 | 0.0629 | 0.9371 | 59.52 |
| 35.5 | 17,366,216 | 494,391 | 0.0285 | 0.9715 | 55.77 |
| 36.5 | 16,761,692 | 533,072 | 0.0318 | 0.9682 | 54.19 |
| 37.5 | 13,398,221 | 428,647 | 0.0320 | 0.9680 | 52.46 |
| 38.5 | 10,781,908 | 478,754 | 0.0444 | 0.9556 | 50.78 |

DUKE ENERGY CAROLINAS

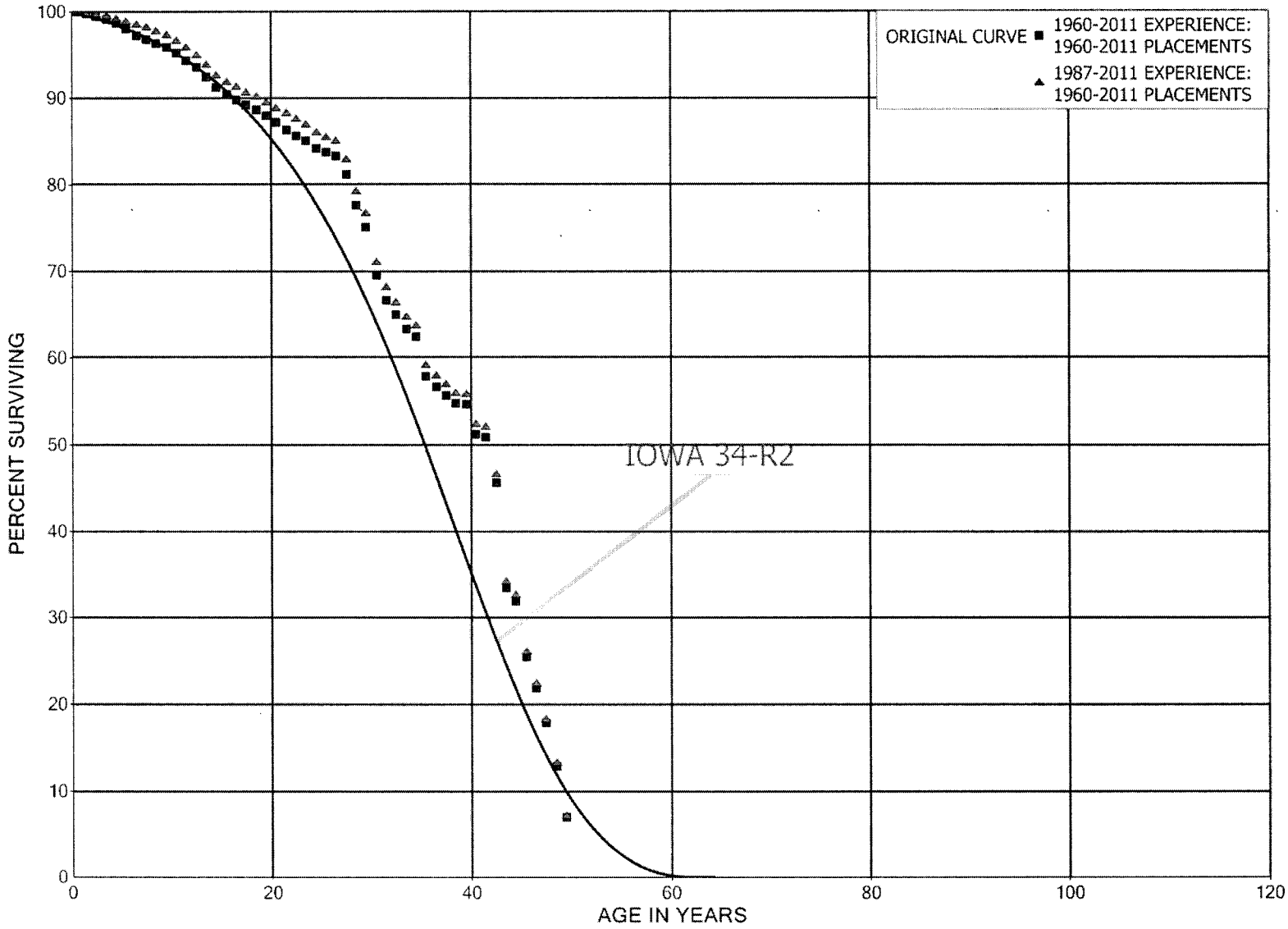
ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 8,030,660 | 160,075 | 0.0199 | 0.9801 | 48.53 |
| 40.5 | 6,153,249 | 42,918 | 0.0070 | 0.9930 | 47.56 |
| 41.5 | 4,331,009 | 2,044 | 0.0005 | 0.9995 | 47.23 |
| 42.5 | 3,337,210 | | 0.0000 | 1.0000 | 47.21 |
| 43.5 | 2,846,845 | | 0.0000 | 1.0000 | 47.21 |
| 44.5 | 2,090,303 | | 0.0000 | 1.0000 | 47.21 |
| 45.5 | 1,515,175 | | 0.0000 | 1.0000 | 47.21 |
| 46.5 | 1,082,330 | | 0.0000 | 1.0000 | 47.21 |
| 47.5 | 721,641 | | 0.0000 | 1.0000 | 47.21 |
| 48.5 | 396,806 | | 0.0000 | 1.0000 | 47.21 |
| 49.5 | 134,046 | | 0.0000 | 1.0000 | 47.21 |
| 50.5 | 1,702 | | 0.0000 | 1.0000 | 47.21 |
| 51.5 | | | | | 47.21 |

DUKE ENERGY CAROLINAS
ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 264,298,402 | 97,633 | 0.0004 | 0.9996 | 100.00 |
| 0.5 | 244,908,440 | 715,192 | 0.0029 | 0.9971 | 99.96 |
| 1.5 | 230,144,877 | 608,057 | 0.0026 | 0.9974 | 99.67 |
| 2.5 | 217,885,347 | 709,133 | 0.0033 | 0.9967 | 99.41 |
| 3.5 | 202,958,634 | 853,167 | 0.0042 | 0.9958 | 99.08 |
| 4.5 | 187,508,912 | 1,272,088 | 0.0068 | 0.9932 | 98.67 |
| 5.5 | 174,124,123 | 1,555,709 | 0.0089 | 0.9911 | 98.00 |
| 6.5 | 163,477,921 | 679,972 | 0.0042 | 0.9958 | 97.12 |
| 7.5 | 153,478,912 | 603,124 | 0.0039 | 0.9961 | 96.72 |
| 8.5 | 148,094,541 | 750,171 | 0.0051 | 0.9949 | 96.34 |
| 9.5 | 140,874,198 | 974,652 | 0.0069 | 0.9931 | 95.85 |
| 10.5 | 134,225,217 | 1,215,999 | 0.0091 | 0.9909 | 95.19 |
| 11.5 | 123,445,471 | 1,130,870 | 0.0092 | 0.9908 | 94.33 |
| 12.5 | 116,378,117 | 1,392,433 | 0.0120 | 0.9880 | 93.46 |
| 13.5 | 105,994,365 | 1,341,431 | 0.0127 | 0.9873 | 92.34 |
| 14.5 | 95,966,296 | 780,824 | 0.0081 | 0.9919 | 91.17 |
| 15.5 | 86,774,842 | 663,968 | 0.0077 | 0.9923 | 90.43 |
| 16.5 | 79,298,808 | 510,440 | 0.0064 | 0.9936 | 89.74 |
| 17.5 | 73,309,710 | 432,040 | 0.0059 | 0.9941 | 89.16 |
| 18.5 | 67,164,983 | 534,992 | 0.0080 | 0.9920 | 88.64 |
| 19.5 | 60,309,977 | 500,525 | 0.0083 | 0.9917 | 87.93 |
| 20.5 | 51,150,104 | 563,260 | 0.0110 | 0.9890 | 87.20 |
| 21.5 | 44,261,240 | 330,176 | 0.0075 | 0.9925 | 86.24 |
| 22.5 | 40,169,009 | 262,335 | 0.0065 | 0.9935 | 85.60 |
| 23.5 | 36,475,975 | 351,454 | 0.0096 | 0.9904 | 85.04 |
| 24.5 | 33,690,738 | 213,112 | 0.0063 | 0.9937 | 84.22 |
| 25.5 | 29,369,836 | 152,709 | 0.0052 | 0.9948 | 83.69 |
| 26.5 | 27,250,966 | 689,458 | 0.0253 | 0.9747 | 83.25 |
| 27.5 | 24,626,490 | 1,072,276 | 0.0435 | 0.9565 | 81.15 |
| 28.5 | 22,078,349 | 718,878 | 0.0326 | 0.9674 | 77.61 |
| 29.5 | 19,230,180 | 1,422,768 | 0.0740 | 0.9260 | 75.09 |
| 30.5 | 16,883,973 | 702,098 | 0.0416 | 0.9584 | 69.53 |
| 31.5 | 15,336,896 | 393,544 | 0.0257 | 0.9743 | 66.64 |
| 32.5 | 14,467,909 | 362,557 | 0.0251 | 0.9749 | 64.93 |
| 33.5 | 13,765,204 | 203,954 | 0.0148 | 0.9852 | 63.30 |
| 34.5 | 12,894,759 | 926,512 | 0.0719 | 0.9281 | 62.36 |
| 35.5 | 11,608,755 | 252,914 | 0.0218 | 0.9782 | 57.88 |
| 36.5 | 11,048,117 | 185,996 | 0.0168 | 0.9832 | 56.62 |
| 37.5 | 10,275,720 | 179,419 | 0.0175 | 0.9825 | 55.67 |
| 38.5 | 9,733,470 | 8,560 | 0.0009 | 0.9991 | 54.70 |

DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 9,572,478 | 607,466 | 0.0635 | 0.9365 | 54.65 |
| 40.5 | 8,786,033 | 57,082 | 0.0065 | 0.9935 | 51.18 |
| 41.5 | 8,545,479 | 885,368 | 0.1036 | 0.8964 | 50.85 |
| 42.5 | 5,650,425 | 1,510,704 | 0.2674 | 0.7326 | 45.58 |
| 43.5 | 4,047,533 | 191,514 | 0.0473 | 0.9527 | 33.39 |
| 44.5 | 3,616,202 | 723,595 | 0.2001 | 0.7999 | 31.81 |
| 45.5 | 2,534,393 | 358,843 | 0.1416 | 0.8584 | 25.45 |
| 46.5 | 2,068,929 | 384,110 | 0.1857 | 0.8143 | 21.84 |
| 47.5 | 1,567,251 | 433,412 | 0.2765 | 0.7235 | 17.79 |
| 48.5 | 1,058,122 | 489,310 | 0.4624 | 0.5376 | 12.87 |
| 49.5 | 457,357 | 496 | 0.0011 | 0.9989 | 6.92 |
| 50.5 | 233,762 | 670 | 0.0029 | 0.9971 | 6.91 |
| 51.5 | | | | | 6.89 |

DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 222,780,845 | 91,014 | 0.0004 | 0.9996 | 100.00 |
| 0.5 | 207,476,778 | 382,660 | 0.0018 | 0.9982 | 99.96 |
| 1.5 | 195,819,916 | 378,092 | 0.0019 | 0.9981 | 99.77 |
| 2.5 | 185,804,901 | 445,739 | 0.0024 | 0.9976 | 99.58 |
| 3.5 | 172,810,875 | 445,422 | 0.0026 | 0.9974 | 99.34 |
| 4.5 | 160,359,678 | 622,560 | 0.0039 | 0.9961 | 99.09 |
| 5.5 | 149,557,456 | 432,855 | 0.0029 | 0.9971 | 98.70 |
| 6.5 | 141,980,005 | 552,442 | 0.0039 | 0.9961 | 98.42 |
| 7.5 | 134,150,161 | 527,903 | 0.0039 | 0.9961 | 98.03 |
| 8.5 | 130,104,071 | 623,335 | 0.0048 | 0.9952 | 97.65 |
| 9.5 | 124,105,717 | 826,276 | 0.0067 | 0.9933 | 97.18 |
| 10.5 | 118,297,155 | 1,021,478 | 0.0086 | 0.9914 | 96.53 |
| 11.5 | 108,297,360 | 942,437 | 0.0087 | 0.9913 | 95.70 |
| 12.5 | 102,986,480 | 1,255,043 | 0.0122 | 0.9878 | 94.87 |
| 13.5 | 93,383,542 | 1,245,443 | 0.0133 | 0.9867 | 93.71 |
| 14.5 | 83,866,373 | 646,213 | 0.0077 | 0.9923 | 92.46 |
| 15.5 | 75,384,693 | 509,802 | 0.0068 | 0.9932 | 91.75 |
| 16.5 | 68,362,390 | 430,360 | 0.0063 | 0.9937 | 91.13 |
| 17.5 | 65,131,547 | 332,463 | 0.0051 | 0.9949 | 90.55 |
| 18.5 | 59,247,659 | 450,783 | 0.0076 | 0.9924 | 90.09 |
| 19.5 | 53,543,229 | 420,372 | 0.0079 | 0.9921 | 89.41 |
| 20.5 | 46,290,113 | 303,760 | 0.0066 | 0.9934 | 88.70 |
| 21.5 | 39,912,201 | 297,020 | 0.0074 | 0.9926 | 88.12 |
| 22.5 | 36,535,701 | 254,953 | 0.0070 | 0.9930 | 87.47 |
| 23.5 | 33,224,037 | 339,756 | 0.0102 | 0.9898 | 86.86 |
| 24.5 | 30,934,104 | 198,651 | 0.0064 | 0.9936 | 85.97 |
| 25.5 | 27,309,528 | 141,129 | 0.0052 | 0.9948 | 85.42 |
| 26.5 | 27,250,966 | 689,458 | 0.0253 | 0.9747 | 84.97 |
| 27.5 | 24,626,490 | 1,072,276 | 0.0435 | 0.9565 | 82.82 |
| 28.5 | 22,078,349 | 718,878 | 0.0326 | 0.9674 | 79.22 |
| 29.5 | 19,230,180 | 1,422,768 | 0.0740 | 0.9260 | 76.64 |
| 30.5 | 16,883,973 | 702,098 | 0.0416 | 0.9584 | 70.97 |
| 31.5 | 15,336,896 | 393,544 | 0.0257 | 0.9743 | 68.02 |
| 32.5 | 14,467,909 | 362,557 | 0.0251 | 0.9749 | 66.27 |
| 33.5 | 13,765,204 | 203,954 | 0.0148 | 0.9852 | 64.61 |
| 34.5 | 12,894,759 | 926,512 | 0.0719 | 0.9281 | 63.65 |
| 35.5 | 11,608,755 | 252,914 | 0.0218 | 0.9782 | 59.08 |
| 36.5 | 11,048,117 | 185,996 | 0.0168 | 0.9832 | 57.79 |
| 37.5 | 10,275,720 | 179,419 | 0.0175 | 0.9825 | 56.82 |
| 38.5 | 9,733,470 | 8,560 | 0.0009 | 0.9991 | 55.83 |

DUKE ENERGY CAROLINAS

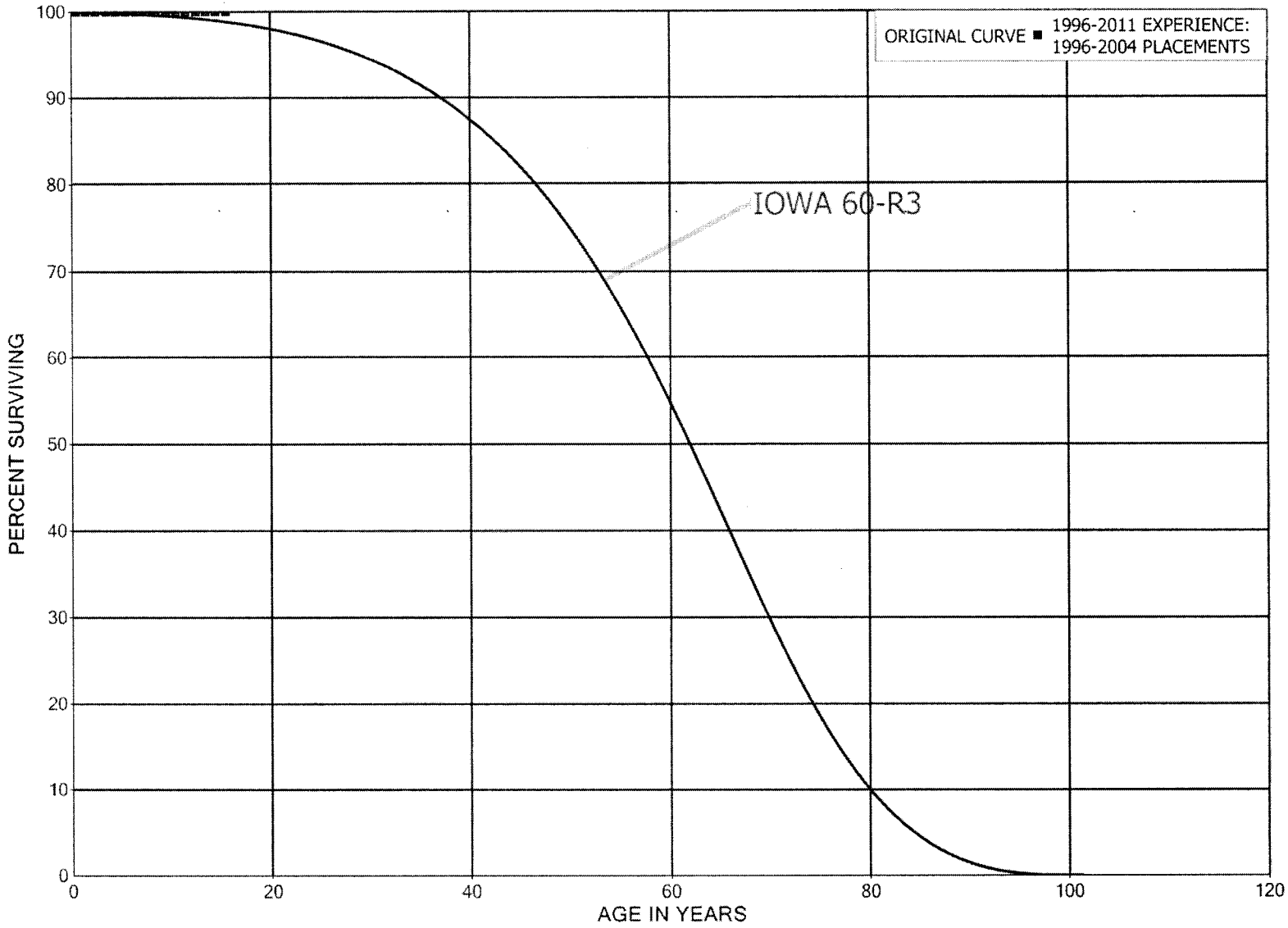
ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 9,572,478 | 607,466 | 0.0635 | 0.9365 | 55.78 |
| 40.5 | 8,786,033 | 57,082 | 0.0065 | 0.9935 | 52.24 |
| 41.5 | 8,545,479 | 885,368 | 0.1036 | 0.8964 | 51.90 |
| 42.5 | 5,650,425 | 1,510,704 | 0.2674 | 0.7326 | 46.52 |
| 43.5 | 4,047,533 | 191,514 | 0.0473 | 0.9527 | 34.08 |
| 44.5 | 3,616,202 | 723,595 | 0.2001 | 0.7999 | 32.47 |
| 45.5 | 2,534,393 | 358,843 | 0.1416 | 0.8584 | 25.97 |
| 46.5 | 2,068,929 | 384,110 | 0.1857 | 0.8143 | 22.30 |
| 47.5 | 1,567,251 | 433,412 | 0.2765 | 0.7235 | 18.16 |
| 48.5 | 1,058,122 | 489,310 | 0.4624 | 0.5376 | 13.14 |
| 49.5 | 457,357 | 496 | 0.0011 | 0.9989 | 7.06 |
| 50.5 | 233,762 | 670 | 0.0029 | 0.9971 | 7.05 |
| 51.5 | | | | | 7.03 |

DUKE ENERGY CAROLINAS
ACCOUNT 389 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

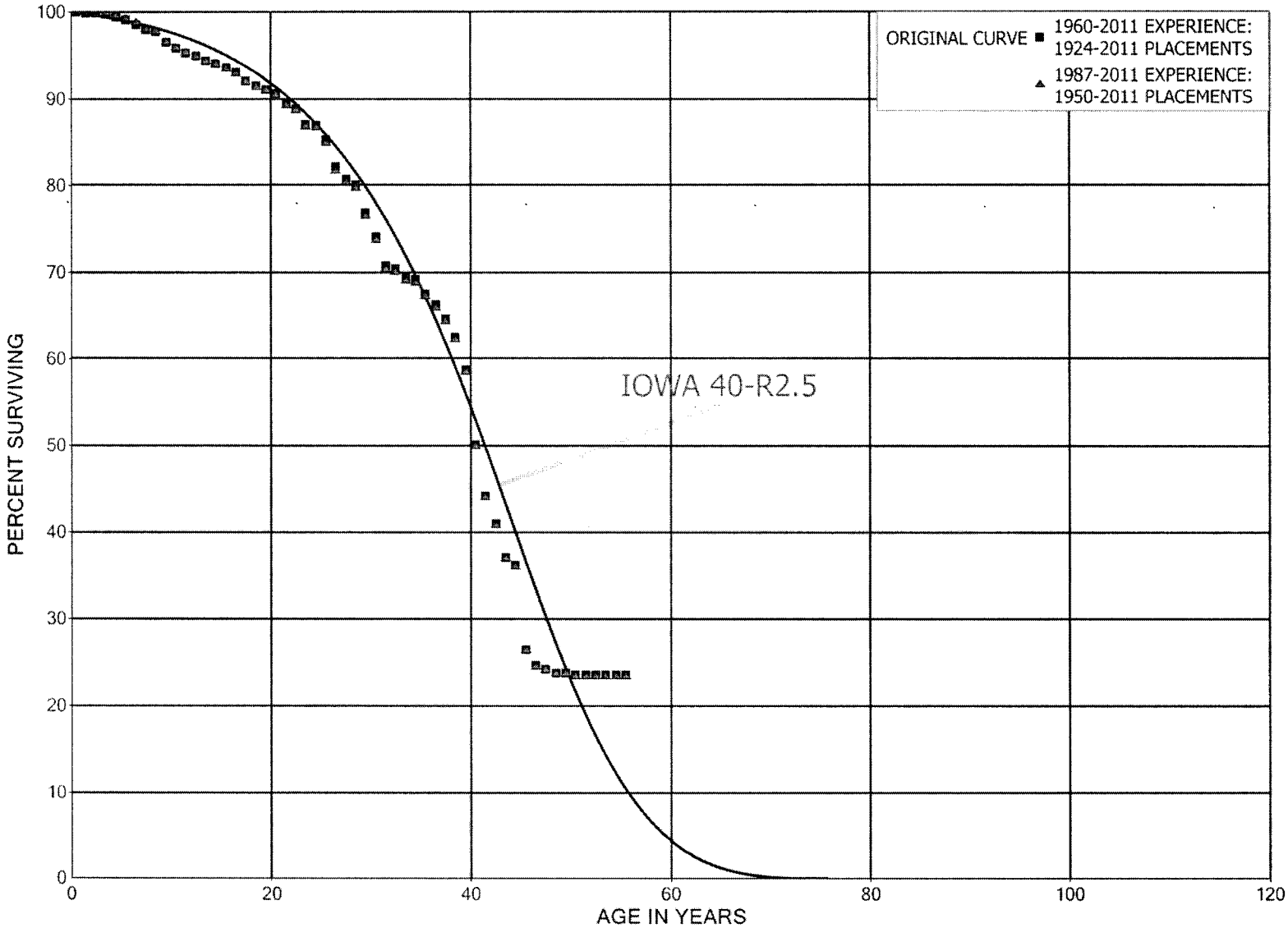
ACCOUNT 389 LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1996-2004 EXPERIENCE BAND 1996-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 550,126 | | 0.0000 | 1.0000 | 100.00 |
| 7.5 | 550,055 | | 0.0000 | 1.0000 | 100.00 |
| 8.5 | 550,055 | | 0.0000 | 1.0000 | 100.00 |
| 9.5 | 550,055 | | 0.0000 | 1.0000 | 100.00 |
| 10.5 | 551,315 | | 0.0000 | 1.0000 | 100.00 |
| 11.5 | 551,315 | | 0.0000 | 1.0000 | 100.00 |
| 12.5 | 548,795 | | 0.0000 | 1.0000 | 100.00 |
| 13.5 | 548,795 | | 0.0000 | 1.0000 | 100.00 |
| 14.5 | 546,471 | | 0.0000 | 1.0000 | 100.00 |
| 15.5 | | | | | 100.00 |

DUKE ENERGY CAROLINAS
ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 633,968,329 | 38,334 | 0.0001 | 0.9999 | 100.00 |
| 0.5 | 570,567,691 | 799,661 | 0.0014 | 0.9986 | 99.99 |
| 1.5 | 560,400,139 | 188,277 | 0.0003 | 0.9997 | 99.85 |
| 2.5 | 529,780,712 | 554,020 | 0.0010 | 0.9990 | 99.82 |
| 3.5 | 471,494,891 | 1,483,214 | 0.0031 | 0.9969 | 99.72 |
| 4.5 | 460,367,764 | 1,644,532 | 0.0036 | 0.9964 | 99.40 |
| 5.5 | 427,493,318 | 2,136,884 | 0.0050 | 0.9950 | 99.05 |
| 6.5 | 419,624,760 | 2,695,635 | 0.0064 | 0.9936 | 98.55 |
| 7.5 | 405,024,831 | 894,325 | 0.0022 | 0.9978 | 97.92 |
| 8.5 | 397,897,242 | 4,793,562 | 0.0120 | 0.9880 | 97.70 |
| 9.5 | 387,567,083 | 2,799,954 | 0.0072 | 0.9928 | 96.53 |
| 10.5 | 381,145,595 | 2,008,215 | 0.0053 | 0.9947 | 95.83 |
| 11.5 | 372,480,616 | 1,336,705 | 0.0036 | 0.9964 | 95.32 |
| 12.5 | 360,654,933 | 2,136,497 | 0.0059 | 0.9941 | 94.98 |
| 13.5 | 353,478,655 | 1,273,390 | 0.0036 | 0.9964 | 94.42 |
| 14.5 | 334,953,984 | 1,788,943 | 0.0053 | 0.9947 | 94.08 |
| 15.5 | 315,523,271 | 1,801,775 | 0.0057 | 0.9943 | 93.58 |
| 16.5 | 303,764,298 | 3,108,999 | 0.0102 | 0.9898 | 93.04 |
| 17.5 | 276,398,518 | 1,800,271 | 0.0065 | 0.9935 | 92.09 |
| 18.5 | 273,233,731 | 1,124,012 | 0.0041 | 0.9959 | 91.49 |
| 19.5 | 262,751,442 | 1,451,333 | 0.0055 | 0.9945 | 91.11 |
| 20.5 | 232,226,508 | 3,017,905 | 0.0130 | 0.9870 | 90.61 |
| 21.5 | 224,452,779 | 1,422,897 | 0.0063 | 0.9937 | 89.43 |
| 22.5 | 205,573,963 | 4,146,128 | 0.0202 | 0.9798 | 88.87 |
| 23.5 | 183,213,354 | 336,853 | 0.0018 | 0.9982 | 87.07 |
| 24.5 | 105,905,251 | 2,015,032 | 0.0190 | 0.9810 | 86.91 |
| 25.5 | 98,474,446 | 3,598,245 | 0.0365 | 0.9635 | 85.26 |
| 26.5 | 78,447,936 | 1,317,874 | 0.0168 | 0.9832 | 82.14 |
| 27.5 | 71,493,255 | 589,145 | 0.0082 | 0.9918 | 80.76 |
| 28.5 | 69,041,666 | 2,832,049 | 0.0410 | 0.9590 | 80.10 |
| 29.5 | 64,096,239 | 2,274,695 | 0.0355 | 0.9645 | 76.81 |
| 30.5 | 55,264,768 | 2,547,020 | 0.0461 | 0.9539 | 74.09 |
| 31.5 | 47,983,981 | 209,723 | 0.0044 | 0.9956 | 70.67 |
| 32.5 | 41,723,362 | 556,128 | 0.0133 | 0.9867 | 70.36 |
| 33.5 | 40,466,911 | 167,225 | 0.0041 | 0.9959 | 69.43 |
| 34.5 | 17,611,977 | 403,491 | 0.0229 | 0.9771 | 69.14 |
| 35.5 | 15,212,986 | 292,161 | 0.0192 | 0.9808 | 67.55 |
| 36.5 | 10,665,415 | 255,635 | 0.0240 | 0.9760 | 66.26 |
| 37.5 | 10,393,413 | 339,705 | 0.0327 | 0.9673 | 64.67 |
| 38.5 | 9,717,405 | 595,600 | 0.0613 | 0.9387 | 62.56 |

DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2011 EXPERIENCE BAND 1960-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 8,958,440 | 1,313,674 | 0.1466 | 0.8534 | 58.72 |
| 40.5 | 7,382,981 | 867,585 | 0.1175 | 0.8825 | 50.11 |
| 41.5 | 6,451,713 | 476,837 | 0.0739 | 0.9261 | 44.22 |
| 42.5 | 5,482,124 | 513,444 | 0.0937 | 0.9063 | 40.95 |
| 43.5 | 4,886,122 | 121,339 | 0.0248 | 0.9752 | 37.12 |
| 44.5 | 1,424,696 | 384,458 | 0.2699 | 0.7301 | 36.20 |
| 45.5 | 1,014,450 | 71,134 | 0.0701 | 0.9299 | 26.43 |
| 46.5 | 942,609 | 13,369 | 0.0142 | 0.9858 | 24.58 |
| 47.5 | 905,970 | 19,412 | 0.0214 | 0.9786 | 24.23 |
| 48.5 | 752,512 | | 0.0000 | 1.0000 | 23.71 |
| 49.5 | 334,323 | 3,310 | 0.0099 | 0.9901 | 23.71 |
| 50.5 | 305,937 | | 0.0000 | 1.0000 | 23.47 |
| 51.5 | 7,655 | | 0.0000 | 1.0000 | 23.47 |
| 52.5 | 7,655 | | 0.0000 | 1.0000 | 23.47 |
| 53.5 | 6,234 | | 0.0000 | 1.0000 | 23.47 |
| 54.5 | 6,234 | | 0.0000 | 1.0000 | 23.47 |
| 55.5 | | | | | 23.47 |

DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 509,610,475 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 456,803,909 | 295,945 | 0.0006 | 0.9994 | 100.00 |
| 1.5 | 467,434,773 | 48,571 | 0.0001 | 0.9999 | 99.94 |
| 2.5 | 449,510,289 | 475,331 | 0.0011 | 0.9989 | 99.92 |
| 3.5 | 376,431,930 | 1,050,346 | 0.0028 | 0.9972 | 99.82 |
| 4.5 | 370,124,364 | 1,513,489 | 0.0041 | 0.9959 | 99.54 |
| 5.5 | 345,987,680 | 1,605,889 | 0.0046 | 0.9954 | 99.13 |
| 6.5 | 346,382,901 | 2,502,347 | 0.0072 | 0.9928 | 98.67 |
| 7.5 | 339,085,881 | 671,220 | 0.0020 | 0.9980 | 97.96 |
| 8.5 | 337,165,375 | 4,507,089 | 0.0134 | 0.9866 | 97.77 |
| 9.5 | 350,278,019 | 2,458,298 | 0.0070 | 0.9930 | 96.46 |
| 10.5 | 344,406,401 | 1,949,954 | 0.0057 | 0.9943 | 95.78 |
| 11.5 | 340,915,574 | 1,313,202 | 0.0039 | 0.9961 | 95.24 |
| 12.5 | 331,182,024 | 1,923,206 | 0.0058 | 0.9942 | 94.87 |
| 13.5 | 325,798,601 | 1,188,930 | 0.0036 | 0.9964 | 94.32 |
| 14.5 | 312,680,655 | 1,768,960 | 0.0057 | 0.9943 | 93.98 |
| 15.5 | 296,721,922 | 1,796,586 | 0.0061 | 0.9939 | 93.45 |
| 16.5 | 290,205,925 | 3,045,799 | 0.0105 | 0.9895 | 92.88 |
| 17.5 | 265,829,732 | 1,689,380 | 0.0064 | 0.9936 | 91.91 |
| 18.5 | 261,223,664 | 1,105,933 | 0.0042 | 0.9958 | 91.32 |
| 19.5 | 251,047,496 | 1,386,975 | 0.0055 | 0.9945 | 90.94 |
| 20.5 | 220,964,477 | 3,008,982 | 0.0136 | 0.9864 | 90.43 |
| 21.5 | 213,863,222 | 1,416,177 | 0.0066 | 0.9934 | 89.20 |
| 22.5 | 196,022,871 | 4,072,518 | 0.0208 | 0.9792 | 88.61 |
| 23.5 | 174,870,416 | 319,318 | 0.0018 | 0.9982 | 86.77 |
| 24.5 | 98,424,210 | 2,005,689 | 0.0204 | 0.9796 | 86.61 |
| 25.5 | 92,011,583 | 3,470,838 | 0.0377 | 0.9623 | 84.85 |
| 26.5 | 78,437,599 | 1,317,874 | 0.0168 | 0.9832 | 81.65 |
| 27.5 | 71,482,918 | 589,145 | 0.0082 | 0.9918 | 80.27 |
| 28.5 | 69,032,750 | 2,831,974 | 0.0410 | 0.9590 | 79.61 |
| 29.5 | 64,090,005 | 2,274,695 | 0.0355 | 0.9645 | 76.35 |
| 30.5 | 55,264,768 | 2,547,020 | 0.0461 | 0.9539 | 73.64 |
| 31.5 | 47,983,981 | 209,723 | 0.0044 | 0.9956 | 70.24 |
| 32.5 | 41,723,362 | 556,128 | 0.0133 | 0.9867 | 69.94 |
| 33.5 | 40,466,911 | 167,225 | 0.0041 | 0.9959 | 69.00 |
| 34.5 | 17,611,977 | 403,491 | 0.0229 | 0.9771 | 68.72 |
| 35.5 | 15,212,986 | 292,161 | 0.0192 | 0.9808 | 67.14 |
| 36.5 | 10,665,415 | 255,635 | 0.0240 | 0.9760 | 65.86 |
| 37.5 | 10,393,413 | 339,705 | 0.0327 | 0.9673 | 64.28 |
| 38.5 | 9,717,405 | 595,600 | 0.0613 | 0.9387 | 62.18 |

DUKE ENERGY CAROLINAS

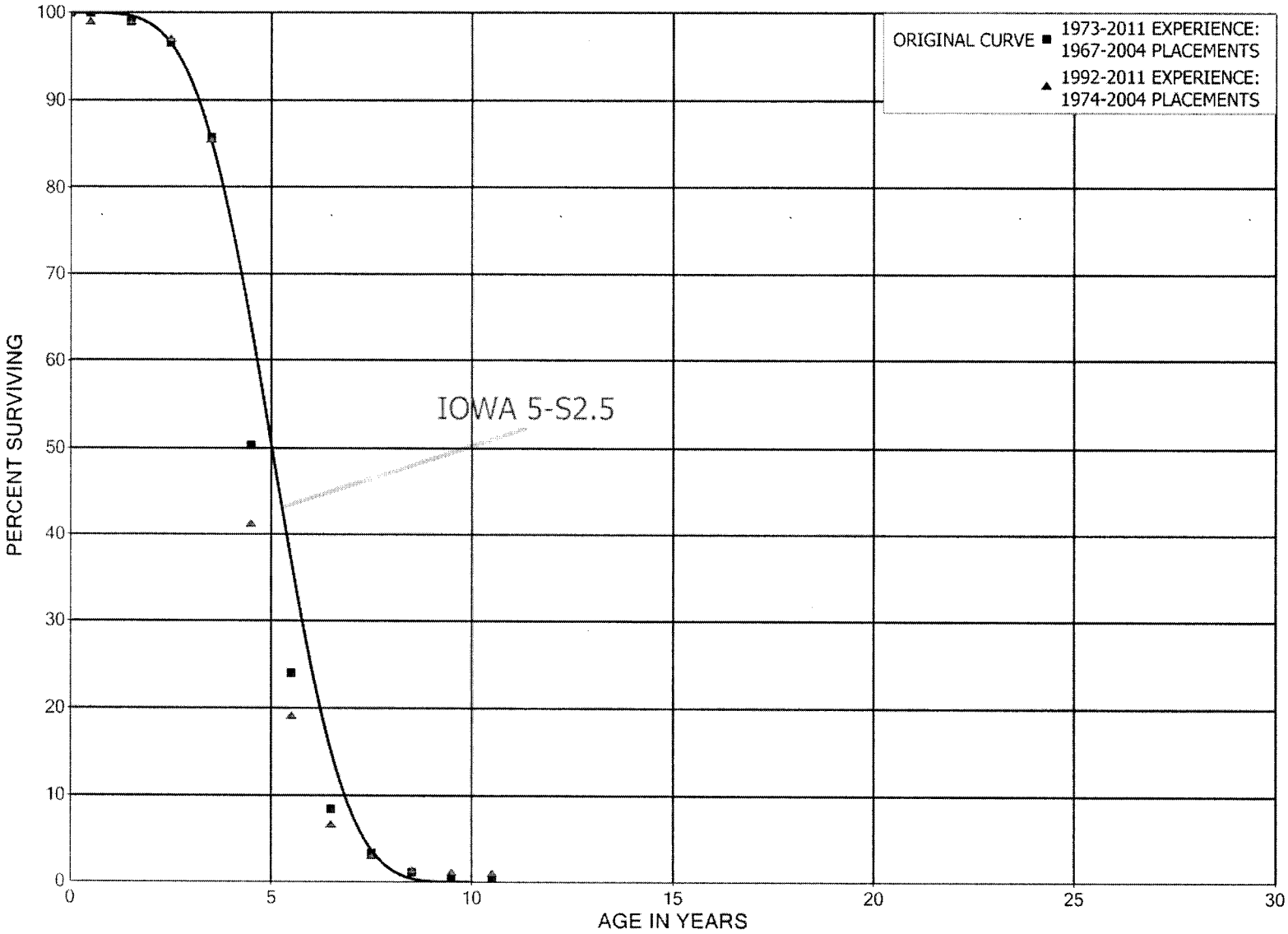
ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2011 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 8,958,440 | 1,313,674 | 0.1466 | 0.8534 | 58.36 |
| 40.5 | 7,382,981 | 867,585 | 0.1175 | 0.8825 | 49.81 |
| 41.5 | 6,451,713 | 476,837 | 0.0739 | 0.9261 | 43.95 |
| 42.5 | 5,482,124 | 513,444 | 0.0937 | 0.9063 | 40.70 |
| 43.5 | 4,886,122 | 121,339 | 0.0248 | 0.9752 | 36.89 |
| 44.5 | 1,424,696 | 384,458 | 0.2699 | 0.7301 | 35.98 |
| 45.5 | 1,014,450 | 71,134 | 0.0701 | 0.9299 | 26.27 |
| 46.5 | 942,609 | 13,369 | 0.0142 | 0.9858 | 24.43 |
| 47.5 | 905,970 | 19,412 | 0.0214 | 0.9786 | 24.08 |
| 48.5 | 752,512 | | 0.0000 | 1.0000 | 23.56 |
| 49.5 | 334,323 | 3,310 | 0.0099 | 0.9901 | 23.56 |
| 50.5 | 305,937 | | 0.0000 | 1.0000 | 23.33 |
| 51.5 | 7,655 | | 0.0000 | 1.0000 | 23.33 |
| 52.5 | 7,655 | | 0.0000 | 1.0000 | 23.33 |
| 53.5 | 6,234 | | 0.0000 | 1.0000 | 23.33 |
| 54.5 | 6,234 | | 0.0000 | 1.0000 | 23.33 |
| 55.5 | | | | | 23.33 |

DUKE ENERGY CAROLINAS
ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2004 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 24,838,808 | 24,116 | 0.0010 | 0.9990 | 100.00 |
| 0.5 | 24,822,783 | 239,487 | 0.0096 | 0.9904 | 99.90 |
| 1.5 | 24,533,349 | 611,926 | 0.0249 | 0.9751 | 98.94 |
| 2.5 | 23,896,179 | 2,671,263 | 0.1118 | 0.8882 | 96.47 |
| 3.5 | 21,542,516 | 8,890,638 | 0.4127 | 0.5873 | 85.69 |
| 4.5 | 12,636,166 | 6,624,792 | 0.5243 | 0.4757 | 50.32 |
| 5.5 | 6,016,478 | 3,910,037 | 0.6499 | 0.3501 | 23.94 |
| 6.5 | 2,099,942 | 1,268,745 | 0.6042 | 0.3958 | 8.38 |
| 7.5 | 946,517 | 643,446 | 0.6798 | 0.3202 | 3.32 |
| 8.5 | 361,967 | 211,072 | 0.5831 | 0.4169 | 1.06 |
| 9.5 | 153,765 | 59,825 | 0.3891 | 0.6109 | 0.44 |
| 10.5 | 68,601 | 17,618 | 0.2568 | 0.7432 | 0.27 |
| 11.5 | 27,044 | 2,785 | 0.1030 | 0.8970 | 0.20 |
| 12.5 | 21,146 | 13,088 | 0.6189 | 0.3811 | 0.18 |
| 13.5 | 15,330 | | 0.0000 | 1.0000 | 0.07 |
| 14.5 | 19,156 | 3,826 | 0.1997 | 0.8003 | 0.07 |
| 15.5 | 15,330 | | 0.0000 | 1.0000 | 0.06 |
| 16.5 | 7,273 | | 0.0000 | 1.0000 | 0.06 |
| 17.5 | 7,272 | | 0.0000 | 1.0000 | 0.06 |
| 18.5 | 7,272 | 7,272 | 1.0000 | | 0.06 |
| 19.5 | | | | | |

DUKE ENERGY CAROLINAS

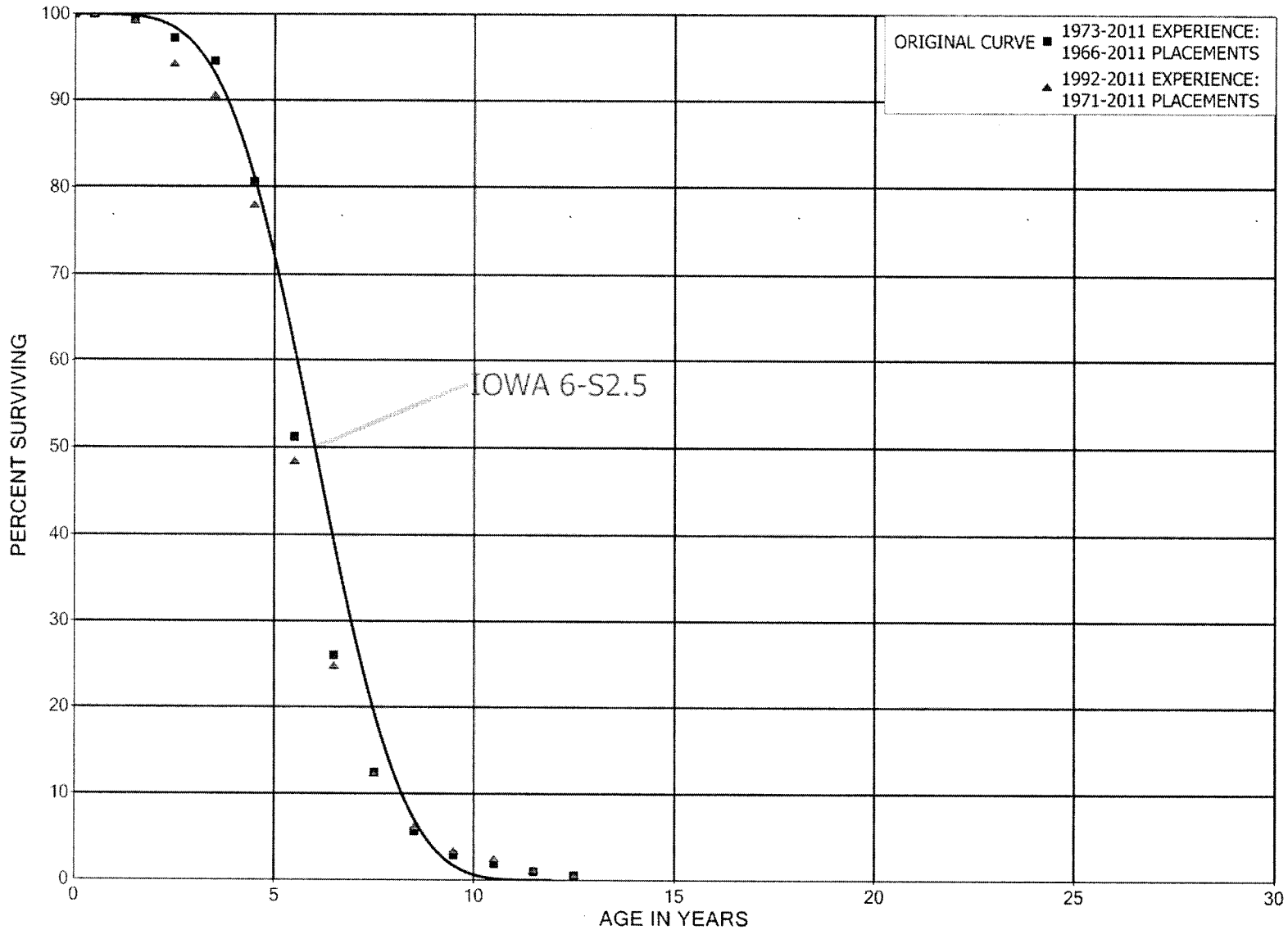
ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1974-2004 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,256,373 | 15,182 | 0.0121 | 0.9879 | 100.00 |
| 0.5 | 1,172,841 | | 0.0000 | 1.0000 | 98.79 |
| 1.5 | 1,328,789 | 26,166 | 0.0197 | 0.9803 | 98.79 |
| 2.5 | 2,812,758 | 331,282 | 0.1178 | 0.8822 | 96.85 |
| 3.5 | 4,423,406 | 2,295,608 | 0.5190 | 0.4810 | 85.44 |
| 4.5 | 3,061,634 | 1,652,612 | 0.5398 | 0.4602 | 41.10 |
| 5.5 | 1,552,261 | 1,014,687 | 0.6537 | 0.3463 | 18.91 |
| 6.5 | 599,438 | 342,780 | 0.5718 | 0.4282 | 6.55 |
| 7.5 | 282,460 | 159,713 | 0.5654 | 0.4346 | 2.80 |
| 8.5 | 122,747 | 28,715 | 0.2339 | 0.7661 | 1.22 |
| 9.5 | 83,937 | 8,005 | 0.0954 | 0.9046 | 0.93 |
| 10.5 | 39,826 | 7,829 | 0.1966 | 0.8034 | 0.84 |
| 11.5 | 8,058 | | 0.0000 | 1.0000 | 0.68 |
| 12.5 | 8,058 | | 0.0000 | 1.0000 | 0.68 |
| 13.5 | 8,058 | | 0.0000 | 1.0000 | 0.68 |
| 14.5 | 8,058 | | 0.0000 | 1.0000 | 0.68 |
| 15.5 | 8,058 | | 0.0000 | 1.0000 | 0.68 |
| 16.5 | 1 | | 0.0000 | 1.0000 | 0.68 |
| 17.5 | 7,272 | | 0.0000 | 1.0000 | 0.68 |
| 18.5 | 7,272 | 7,272 | 1.0000 | | 0.68 |
| 19.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 392.20 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.20 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1966-2011 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 59,634,736 | 34,229 | 0.0006 | 0.9994 | 100.00 |
| 0.5 | 59,481,365 | 312,608 | 0.0053 | 0.9947 | 99.94 |
| 1.5 | 58,794,467 | 1,299,663 | 0.0221 | 0.9779 | 99.42 |
| 2.5 | 56,795,515 | 1,601,758 | 0.0282 | 0.9718 | 97.22 |
| 3.5 | 55,420,155 | 8,109,531 | 0.1463 | 0.8537 | 94.48 |
| 4.5 | 47,314,308 | 17,280,995 | 0.3652 | 0.6348 | 80.65 |
| 5.5 | 30,047,294 | 14,839,970 | 0.4939 | 0.5061 | 51.20 |
| 6.5 | 14,918,653 | 7,772,253 | 0.5210 | 0.4790 | 25.91 |
| 7.5 | 7,135,470 | 3,910,273 | 0.5480 | 0.4520 | 12.41 |
| 8.5 | 3,391,904 | 1,661,165 | 0.4897 | 0.5103 | 5.61 |
| 9.5 | 1,743,163 | 604,638 | 0.3469 | 0.6531 | 2.86 |
| 10.5 | 797,742 | 378,442 | 0.4744 | 0.5256 | 1.87 |
| 11.5 | 434,911 | 190,396 | 0.4378 | 0.5622 | 0.98 |
| 12.5 | 241,751 | 120,315 | 0.4977 | 0.5023 | 0.55 |
| 13.5 | 121,436 | 41,774 | 0.3440 | 0.6560 | 0.28 |
| 14.5 | 79,495 | 28,345 | 0.3566 | 0.6434 | 0.18 |
| 15.5 | 47,208 | 10,293 | 0.2180 | 0.7820 | 0.12 |
| 16.5 | 37,506 | | 0.0000 | 1.0000 | 0.09 |
| 17.5 | 37,506 | 3,069 | 0.0818 | 0.9182 | 0.09 |
| 18.5 | 28,360 | | 0.0000 | 1.0000 | 0.08 |
| 19.5 | 28,360 | 2,210 | 0.0779 | 0.9221 | 0.08 |
| 20.5 | 26,150 | 2,643 | 0.1011 | 0.8989 | 0.08 |
| 21.5 | 20,193 | | 0.0000 | 1.0000 | 0.07 |
| 22.5 | | | | | 0.07 |

DUKE ENERGY CAROLINAS

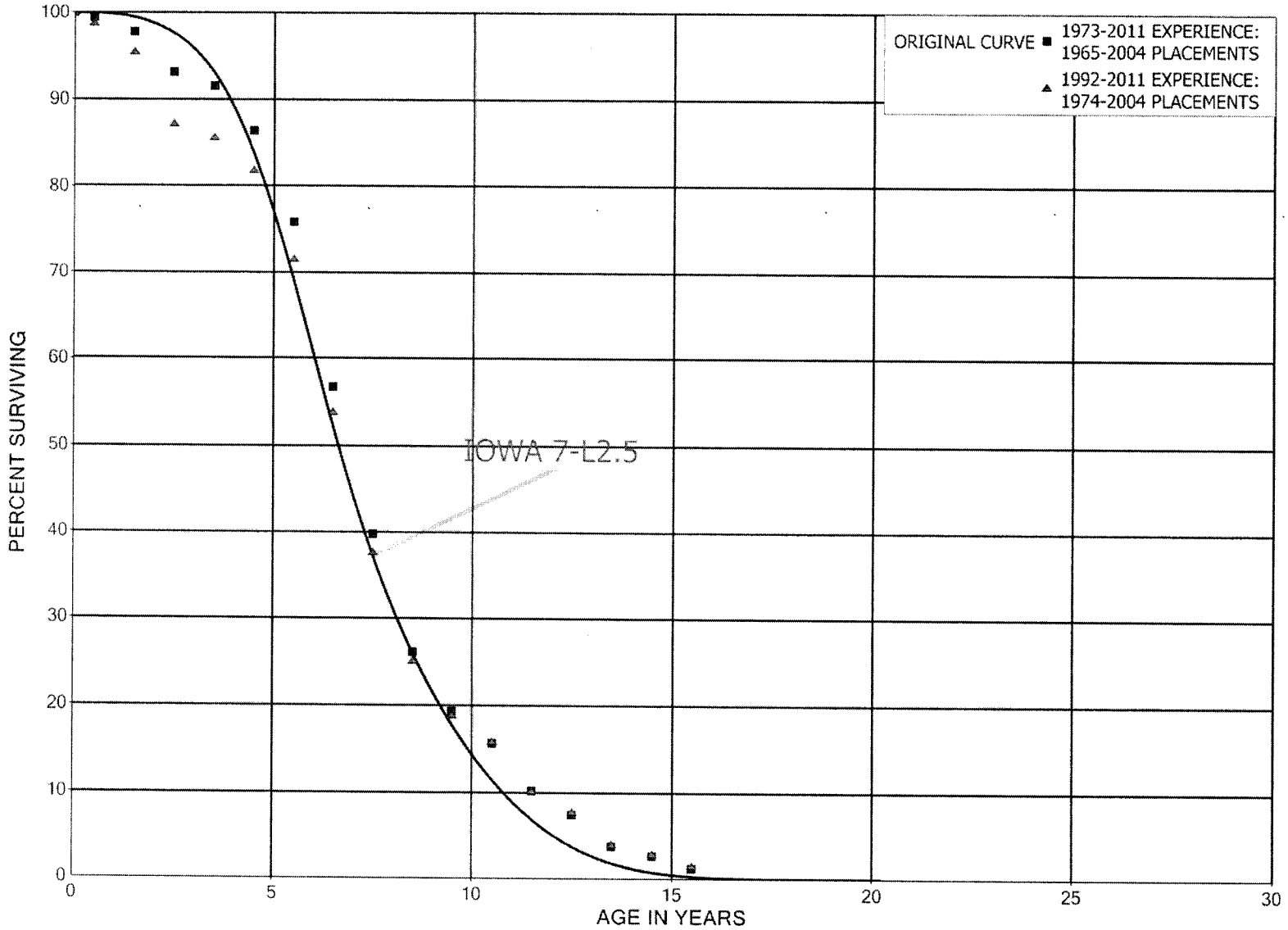
ACCOUNT 392.20 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2011 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 14,497,172 | 25,837 | 0.0018 | 0.9982 | 100.00 |
| 0.5 | 18,033,434 | 141,162 | 0.0078 | 0.9922 | 99.82 |
| 1.5 | 21,870,910 | 1,094,526 | 0.0500 | 0.9500 | 99.04 |
| 2.5 | 23,956,886 | 946,165 | 0.0395 | 0.9605 | 94.08 |
| 3.5 | 26,170,185 | 3,639,369 | 0.1391 | 0.8609 | 90.37 |
| 4.5 | 25,585,553 | 9,718,743 | 0.3799 | 0.6201 | 77.80 |
| 5.5 | 17,172,145 | 8,414,069 | 0.4900 | 0.5100 | 48.25 |
| 6.5 | 9,093,012 | 4,577,582 | 0.5034 | 0.4966 | 24.61 |
| 7.5 | 4,590,191 | 2,362,458 | 0.5147 | 0.4853 | 12.22 |
| 8.5 | 2,196,592 | 1,007,805 | 0.4588 | 0.5412 | 5.93 |
| 9.5 | 1,186,232 | 337,438 | 0.2845 | 0.7155 | 3.21 |
| 10.5 | 429,252 | 248,680 | 0.5793 | 0.4207 | 2.30 |
| 11.5 | 187,088 | 106,079 | 0.5670 | 0.4330 | 0.97 |
| 12.5 | 96,428 | 41,544 | 0.4308 | 0.5692 | 0.42 |
| 13.5 | 59,527 | 19,051 | 0.3200 | 0.6800 | 0.24 |
| 14.5 | 44,577 | 15,711 | 0.3524 | 0.6476 | 0.16 |
| 15.5 | 26,324 | 645 | 0.0245 | 0.9755 | 0.10 |
| 16.5 | 26,270 | | 0.0000 | 1.0000 | 0.10 |
| 17.5 | 26,270 | | 0.0000 | 1.0000 | 0.10 |
| 18.5 | 22,403 | | 0.0000 | 1.0000 | 0.10 |
| 19.5 | 22,403 | 2,210 | 0.0986 | 0.9014 | 0.10 |
| 20.5 | 23,507 | | 0.0000 | 1.0000 | 0.09 |
| 21.5 | 20,193 | | 0.0000 | 1.0000 | 0.09 |
| 22.5 | | | | | 0.09 |

DUKE ENERGY CAROLINAS
ACCOUNT 392.30 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.30 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2004 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 14,020,227 | 81,802 | 0.0058 | 0.9942 | 100.00 |
| 0.5 | 13,664,638 | 231,066 | 0.0169 | 0.9831 | 99.42 |
| 1.5 | 13,388,444 | 646,232 | 0.0483 | 0.9517 | 97.74 |
| 2.5 | 12,828,352 | 214,848 | 0.0167 | 0.9833 | 93.02 |
| 3.5 | 12,785,831 | 702,898 | 0.0550 | 0.9450 | 91.46 |
| 4.5 | 12,035,547 | 1,474,194 | 0.1225 | 0.8775 | 86.43 |
| 5.5 | 10,574,858 | 2,670,611 | 0.2525 | 0.7475 | 75.85 |
| 6.5 | 7,859,119 | 2,352,770 | 0.2994 | 0.7006 | 56.69 |
| 7.5 | 5,565,516 | 1,911,567 | 0.3435 | 0.6565 | 39.72 |
| 8.5 | 3,702,130 | 966,718 | 0.2611 | 0.7389 | 26.08 |
| 9.5 | 2,706,146 | 510,132 | 0.1885 | 0.8115 | 19.27 |
| 10.5 | 1,325,798 | 462,438 | 0.3488 | 0.6512 | 15.64 |
| 11.5 | 929,359 | 259,198 | 0.2789 | 0.7211 | 10.18 |
| 12.5 | 670,227 | 332,467 | 0.4961 | 0.5039 | 7.34 |
| 13.5 | 340,677 | 97,550 | 0.2863 | 0.7137 | 3.70 |
| 14.5 | 262,024 | 141,351 | 0.5395 | 0.4605 | 2.64 |
| 15.5 | 141,395 | 46,882 | 0.3316 | 0.6684 | 1.22 |
| 16.5 | 98,829 | 15,804 | 0.1599 | 0.8401 | 0.81 |
| 17.5 | 83,025 | 36,664 | 0.4416 | 0.5584 | 0.68 |
| 18.5 | 46,361 | 7,715 | 0.1664 | 0.8336 | 0.38 |
| 19.5 | 38,646 | 3,248 | 0.0840 | 0.9160 | 0.32 |
| 20.5 | 35,398 | | 0.0000 | 1.0000 | 0.29 |
| 21.5 | 35,398 | | 0.0000 | 1.0000 | 0.29 |
| 22.5 | | | | | 0.29 |

DUKE ENERGY CAROLINAS

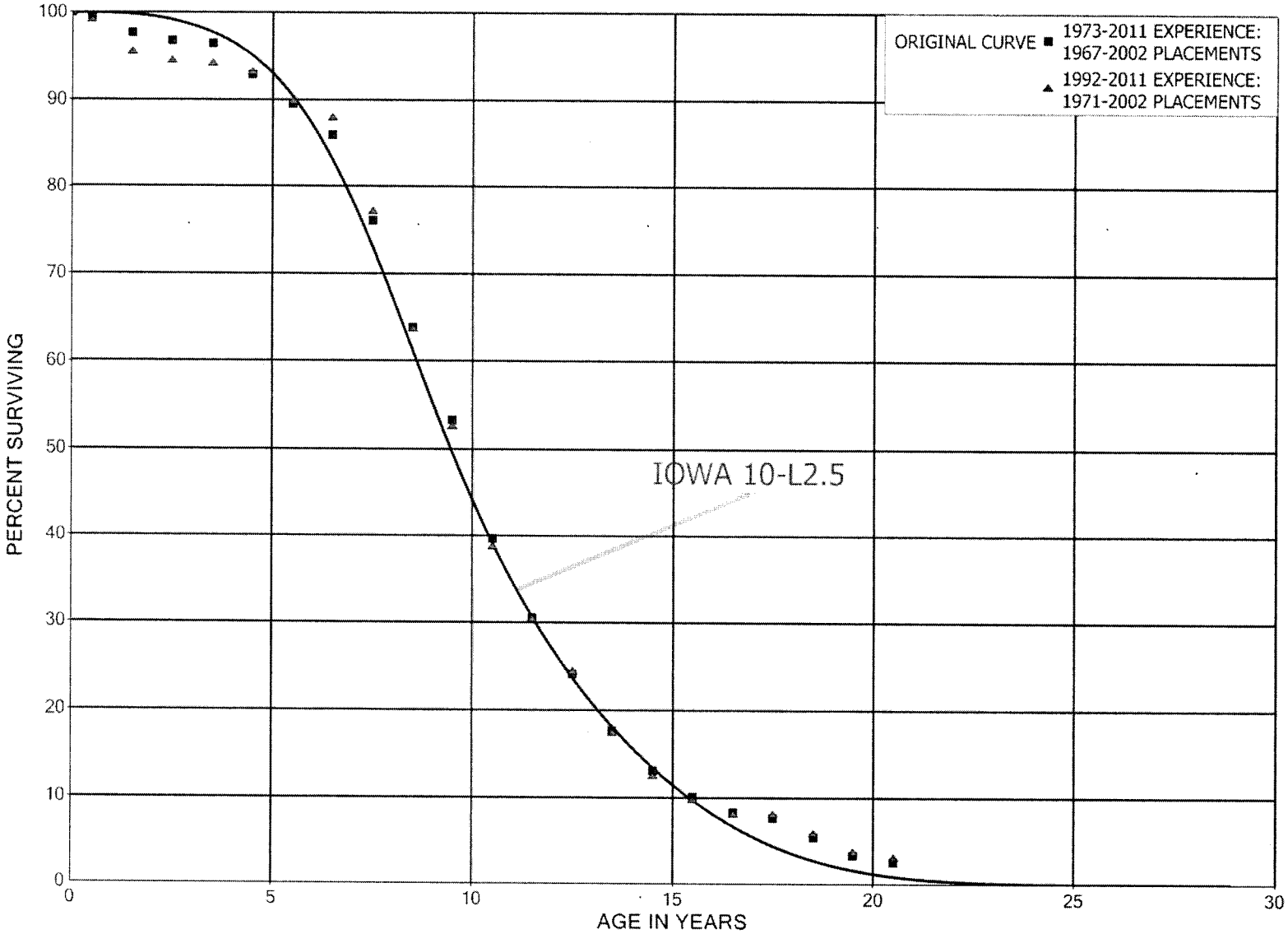
ACCOUNT 392.30 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1974-2004 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 5,826,701 | 81,802 | 0.0140 | 0.9860 | 100.00 |
| 0.5 | 6,327,373 | 211,132 | 0.0334 | 0.9666 | 98.60 |
| 1.5 | 7,283,921 | 629,121 | 0.0864 | 0.9136 | 95.31 |
| 2.5 | 7,925,161 | 140,552 | 0.0177 | 0.9823 | 87.07 |
| 3.5 | 8,519,929 | 383,520 | 0.0450 | 0.9550 | 85.53 |
| 4.5 | 8,621,395 | 1,085,295 | 0.1259 | 0.8741 | 81.68 |
| 5.5 | 8,162,103 | 2,015,084 | 0.2469 | 0.7531 | 71.40 |
| 6.5 | 6,334,582 | 1,914,662 | 0.3023 | 0.6977 | 53.77 |
| 7.5 | 4,592,594 | 1,544,421 | 0.3363 | 0.6637 | 37.52 |
| 8.5 | 3,088,858 | 767,191 | 0.2484 | 0.7516 | 24.90 |
| 9.5 | 2,291,971 | 371,156 | 0.1619 | 0.8381 | 18.72 |
| 10.5 | 1,042,459 | 370,978 | 0.3559 | 0.6441 | 15.69 |
| 11.5 | 684,963 | 172,114 | 0.2513 | 0.7487 | 10.10 |
| 12.5 | 521,252 | 253,342 | 0.4860 | 0.5140 | 7.56 |
| 13.5 | 275,773 | 79,453 | 0.2881 | 0.7119 | 3.89 |
| 14.5 | 196,487 | 97,712 | 0.4973 | 0.5027 | 2.77 |
| 15.5 | 107,394 | 33,784 | 0.3146 | 0.6854 | 1.39 |
| 16.5 | 75,939 | 11,487 | 0.1513 | 0.8487 | 0.95 |
| 17.5 | 72,062 | 36,664 | 0.5088 | 0.4912 | 0.81 |
| 18.5 | 35,398 | | 0.0000 | 1.0000 | 0.40 |
| 19.5 | 35,398 | | 0.0000 | 1.0000 | 0.40 |
| 20.5 | 35,398 | | 0.0000 | 1.0000 | 0.40 |
| 21.5 | 35,398 | | 0.0000 | 1.0000 | 0.40 |
| 22.5 | | | | | 0.40 |

DUKE ENERGY CAROLINAS
ACCOUNT 392.40 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.40 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2002 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 12,018,515 | 49,893 | 0.0042 | 0.9958 | 100.00 |
| 0.5 | 12,040,952 | 235,037 | 0.0195 | 0.9805 | 99.58 |
| 1.5 | 11,781,779 | 111,147 | 0.0094 | 0.9906 | 97.64 |
| 2.5 | 11,690,195 | 44,107 | 0.0038 | 0.9962 | 96.72 |
| 3.5 | 11,728,363 | 432,028 | 0.0368 | 0.9632 | 96.35 |
| 4.5 | 11,338,170 | 407,648 | 0.0360 | 0.9640 | 92.81 |
| 5.5 | 11,031,700 | 431,449 | 0.0391 | 0.9609 | 89.47 |
| 6.5 | 10,625,955 | 1,228,365 | 0.1156 | 0.8844 | 85.97 |
| 7.5 | 9,484,125 | 1,523,672 | 0.1607 | 0.8393 | 76.03 |
| 8.5 | 8,156,552 | 1,347,367 | 0.1652 | 0.8348 | 63.82 |
| 9.5 | 6,905,716 | 1,768,709 | 0.2561 | 0.7439 | 53.27 |
| 10.5 | 5,074,262 | 1,166,260 | 0.2298 | 0.7702 | 39.63 |
| 11.5 | 3,667,708 | 778,345 | 0.2122 | 0.7878 | 30.52 |
| 12.5 | 2,531,246 | 671,147 | 0.2651 | 0.7349 | 24.04 |
| 13.5 | 1,799,146 | 473,684 | 0.2633 | 0.7367 | 17.67 |
| 14.5 | 1,345,265 | 306,467 | 0.2278 | 0.7722 | 13.02 |
| 15.5 | 1,026,695 | 182,067 | 0.1773 | 0.8227 | 10.05 |
| 16.5 | 844,628 | 68,020 | 0.0805 | 0.9195 | 8.27 |
| 17.5 | 769,524 | 228,437 | 0.2969 | 0.7031 | 7.60 |
| 18.5 | 461,792 | 178,202 | 0.3859 | 0.6141 | 5.35 |
| 19.5 | 283,590 | 64,959 | 0.2291 | 0.7709 | 3.28 |
| 20.5 | 188,455 | 85,206 | 0.4521 | 0.5479 | 2.53 |
| 21.5 | 34,797 | | 0.0000 | 1.0000 | 1.39 |
| 22.5 | | | | | 1.39 |
| 23.5 | 14,567 | | 0.0000 | | |
| 24.5 | 14,567 | | 0.0000 | | |
| 25.5 | 14,567 | | 0.0000 | | |
| 26.5 | 14,567 | | 0.0000 | | |
| 27.5 | 14,567 | | 0.0000 | | |
| 28.5 | 14,567 | | 0.0000 | | |
| 29.5 | 14,567 | | 0.0000 | | |
| 30.5 | 14,567 | 14,567 | 1.0000 | | |
| 31.5 | | | | | |

DUKE ENERGY CAROLINAS

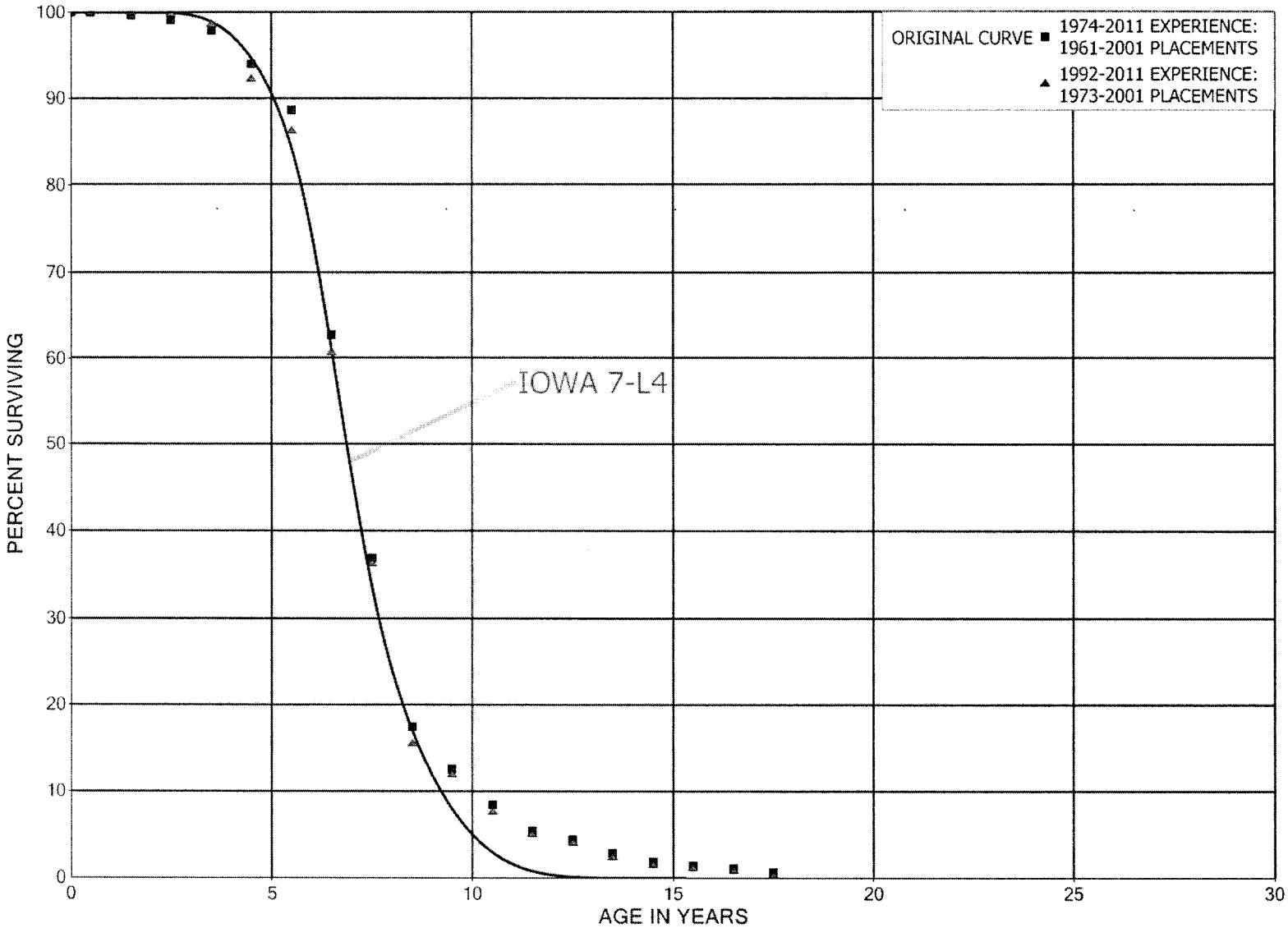
ACCOUNT 392.40 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2002 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 5,592,191 | 49,893 | 0.0089 | 0.9911 | 100.00 |
| 0.5 | 6,031,691 | 225,228 | 0.0373 | 0.9627 | 99.11 |
| 1.5 | 6,859,327 | 76,223 | 0.0111 | 0.9889 | 95.41 |
| 2.5 | 7,484,796 | 18,140 | 0.0024 | 0.9976 | 94.35 |
| 3.5 | 7,857,519 | 91,022 | 0.0116 | 0.9884 | 94.12 |
| 4.5 | 8,316,590 | 293,495 | 0.0353 | 0.9647 | 93.03 |
| 5.5 | 8,566,956 | 184,284 | 0.0215 | 0.9785 | 89.74 |
| 6.5 | 8,678,534 | 1,064,373 | 0.1226 | 0.8774 | 87.81 |
| 7.5 | 7,829,997 | 1,363,861 | 0.1742 | 0.8258 | 77.04 |
| 8.5 | 6,949,280 | 1,213,058 | 0.1746 | 0.8254 | 63.62 |
| 9.5 | 5,866,588 | 1,551,439 | 0.2645 | 0.7355 | 52.52 |
| 10.5 | 4,135,924 | 888,646 | 0.2149 | 0.7851 | 38.63 |
| 11.5 | 3,009,000 | 603,160 | 0.2005 | 0.7995 | 30.33 |
| 12.5 | 2,109,407 | 601,577 | 0.2852 | 0.7148 | 24.25 |
| 13.5 | 1,433,896 | 406,419 | 0.2834 | 0.7166 | 17.33 |
| 14.5 | 1,019,092 | 230,785 | 0.2265 | 0.7735 | 12.42 |
| 15.5 | 788,307 | 136,322 | 0.1729 | 0.8271 | 9.61 |
| 16.5 | 651,985 | | 0.0000 | 1.0000 | 7.95 |
| 17.5 | 644,901 | 184,376 | 0.2859 | 0.7141 | 7.95 |
| 18.5 | 381,230 | 139,503 | 0.3659 | 0.6341 | 5.67 |
| 19.5 | 241,727 | 43,510 | 0.1800 | 0.8200 | 3.60 |
| 20.5 | 177,897 | 74,648 | 0.4196 | 0.5804 | 2.95 |
| 21.5 | 34,797 | | 0.0000 | 1.0000 | 1.71 |
| 22.5 | | | | | 1.71 |
| 23.5 | 14,567 | | 0.0000 | | |
| 24.5 | 14,567 | | 0.0000 | | |
| 25.5 | 14,567 | | 0.0000 | | |
| 26.5 | 14,567 | | 0.0000 | | |
| 27.5 | 14,567 | | 0.0000 | | |
| 28.5 | 14,567 | | 0.0000 | | |
| 29.5 | 14,567 | | 0.0000 | | |
| 30.5 | 14,567 | 14,567 | 1.0000 | | |
| 31.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 392.50 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS / POWER EQUIPPED
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.50 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS / POWER EQUIPPED

ORIGINAL LIFE TABLE

PLACEMENT BAND 1961-2001 EXPERIENCE BAND 1974-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 13,700,716 | 4,745 | 0.0003 | 0.9997 | 100.00 |
| 0.5 | 13,813,906 | 55,881 | 0.0040 | 0.9960 | 99.97 |
| 1.5 | 14,115,393 | 69,788 | 0.0049 | 0.9951 | 99.56 |
| 2.5 | 14,060,288 | 169,228 | 0.0120 | 0.9880 | 99.07 |
| 3.5 | 14,148,512 | 562,861 | 0.0398 | 0.9602 | 97.88 |
| 4.5 | 13,633,657 | 786,084 | 0.0577 | 0.9423 | 93.98 |
| 5.5 | 12,794,718 | 3,725,670 | 0.2912 | 0.7088 | 88.56 |
| 6.5 | 9,108,474 | 3,770,895 | 0.4140 | 0.5860 | 62.78 |
| 7.5 | 5,389,365 | 2,834,267 | 0.5259 | 0.4741 | 36.79 |
| 8.5 | 2,538,046 | 714,443 | 0.2815 | 0.7185 | 17.44 |
| 9.5 | 1,841,853 | 603,408 | 0.3276 | 0.6724 | 12.53 |
| 10.5 | 1,066,707 | 377,448 | 0.3538 | 0.6462 | 8.43 |
| 11.5 | 884,545 | 174,341 | 0.1971 | 0.8029 | 5.44 |
| 12.5 | 826,125 | 299,328 | 0.3623 | 0.6377 | 4.37 |
| 13.5 | 552,016 | 182,612 | 0.3308 | 0.6692 | 2.79 |
| 14.5 | 396,593 | 104,990 | 0.2647 | 0.7353 | 1.87 |
| 15.5 | 291,603 | 73,411 | 0.2517 | 0.7483 | 1.37 |
| 16.5 | 224,628 | 96,225 | 0.4284 | 0.5716 | 1.03 |
| 17.5 | 128,403 | 34,106 | 0.2656 | 0.7344 | 0.59 |
| 18.5 | 114,204 | 20,193 | 0.1768 | 0.8232 | 0.43 |
| 19.5 | 94,011 | 33,563 | 0.3570 | 0.6430 | 0.35 |
| 20.5 | 50,324 | 4,244 | 0.0843 | 0.9157 | 0.23 |
| 21.5 | 46,080 | 12,454 | 0.2703 | 0.7297 | 0.21 |
| 22.5 | 33,626 | 2,714 | 0.0807 | 0.9193 | 0.15 |
| 23.5 | 30,912 | | 0.0000 | 1.0000 | 0.14 |
| 24.5 | 30,912 | 3,260 | 0.1055 | 0.8945 | 0.14 |
| 25.5 | | | | | 0.13 |

DUKE ENERGY CAROLINAS

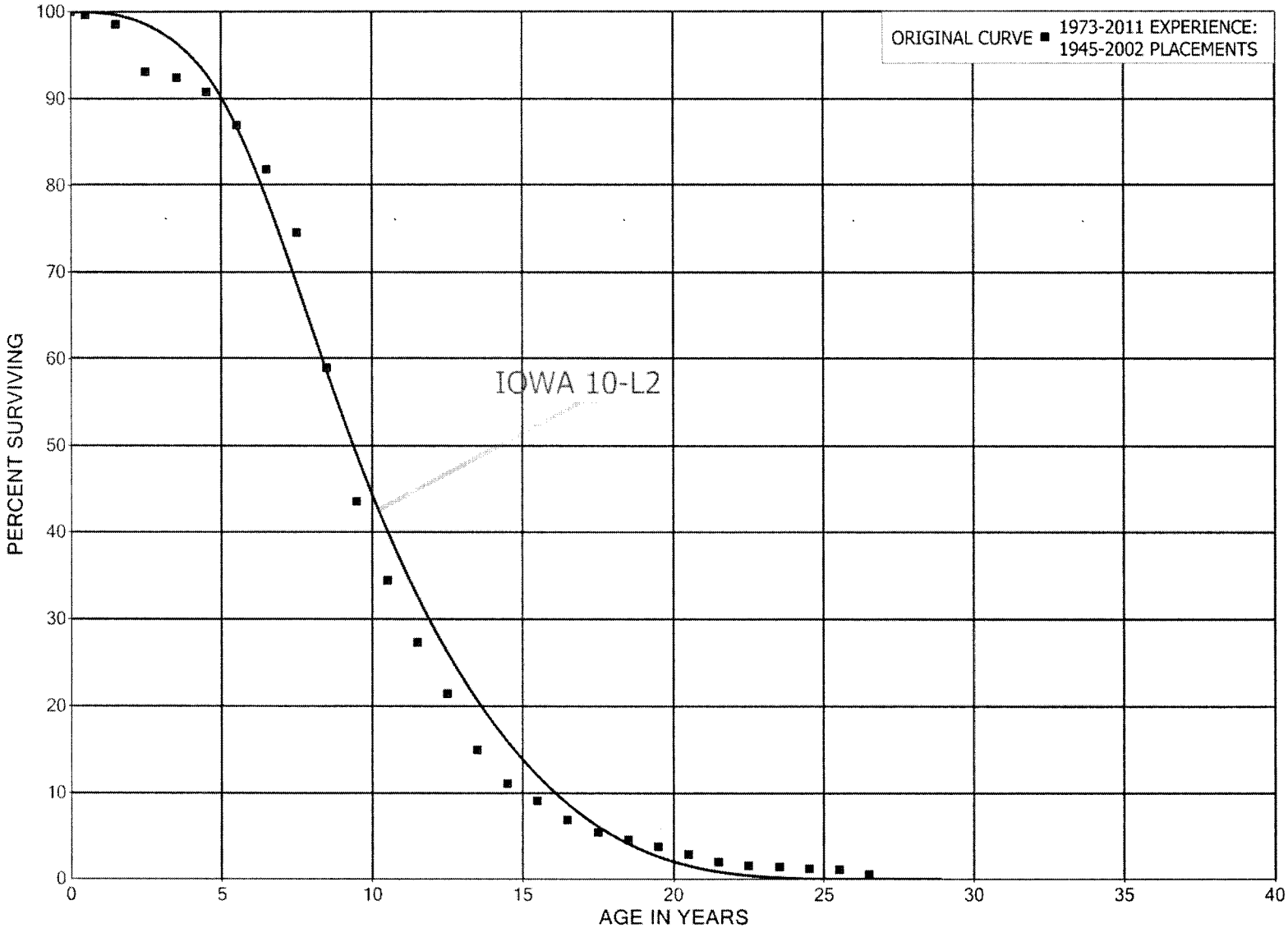
ACCOUNT 392.50 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS / POWER EQUIPPED

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2001 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 4,011,054 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 4,453,537 | 172 | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 5,206,681 | 12,360 | 0.0024 | 0.9976 | 100.00 |
| 2.5 | 6,822,839 | 87,834 | 0.0129 | 0.9871 | 99.76 |
| 3.5 | 8,051,175 | 517,588 | 0.0643 | 0.9357 | 98.47 |
| 4.5 | 7,930,459 | 514,053 | 0.0648 | 0.9352 | 92.14 |
| 5.5 | 7,779,216 | 2,310,913 | 0.2971 | 0.7029 | 86.17 |
| 6.5 | 6,522,399 | 2,621,865 | 0.4020 | 0.5980 | 60.57 |
| 7.5 | 4,102,501 | 2,364,312 | 0.5763 | 0.4237 | 36.22 |
| 8.5 | 1,706,448 | 392,020 | 0.2297 | 0.7703 | 15.35 |
| 9.5 | 1,384,276 | 510,047 | 0.3685 | 0.6315 | 11.82 |
| 10.5 | 683,306 | 233,883 | 0.3423 | 0.6577 | 7.47 |
| 11.5 | 458,540 | 90,926 | 0.1983 | 0.8017 | 4.91 |
| 12.5 | 405,753 | 171,580 | 0.4229 | 0.5771 | 3.94 |
| 13.5 | 249,905 | 97,887 | 0.3917 | 0.6083 | 2.27 |
| 14.5 | 170,093 | 39,117 | 0.2300 | 0.7700 | 1.38 |
| 15.5 | 130,976 | 46,439 | 0.3546 | 0.6454 | 1.06 |
| 16.5 | 84,537 | 56,885 | 0.6729 | 0.3271 | 0.69 |
| 17.5 | 48,455 | 20,803 | 0.4293 | 0.5707 | 0.22 |
| 18.5 | 32,839 | | 0.0000 | 1.0000 | 0.13 |
| 19.5 | 32,839 | | 0.0000 | 1.0000 | 0.13 |
| 20.5 | 32,839 | | 0.0000 | 1.0000 | 0.13 |
| 21.5 | 32,839 | 5,187 | 0.1580 | 0.8420 | 0.13 |
| 22.5 | 27,652 | | 0.0000 | 1.0000 | 0.11 |
| 23.5 | 27,652 | | 0.0000 | 1.0000 | 0.11 |
| 24.5 | 27,652 | | 0.0000 | 1.0000 | 0.11 |
| 25.5 | | | | | 0.11 |

DUKE ENERGY CAROLINAS
ACCOUNT 392.60 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

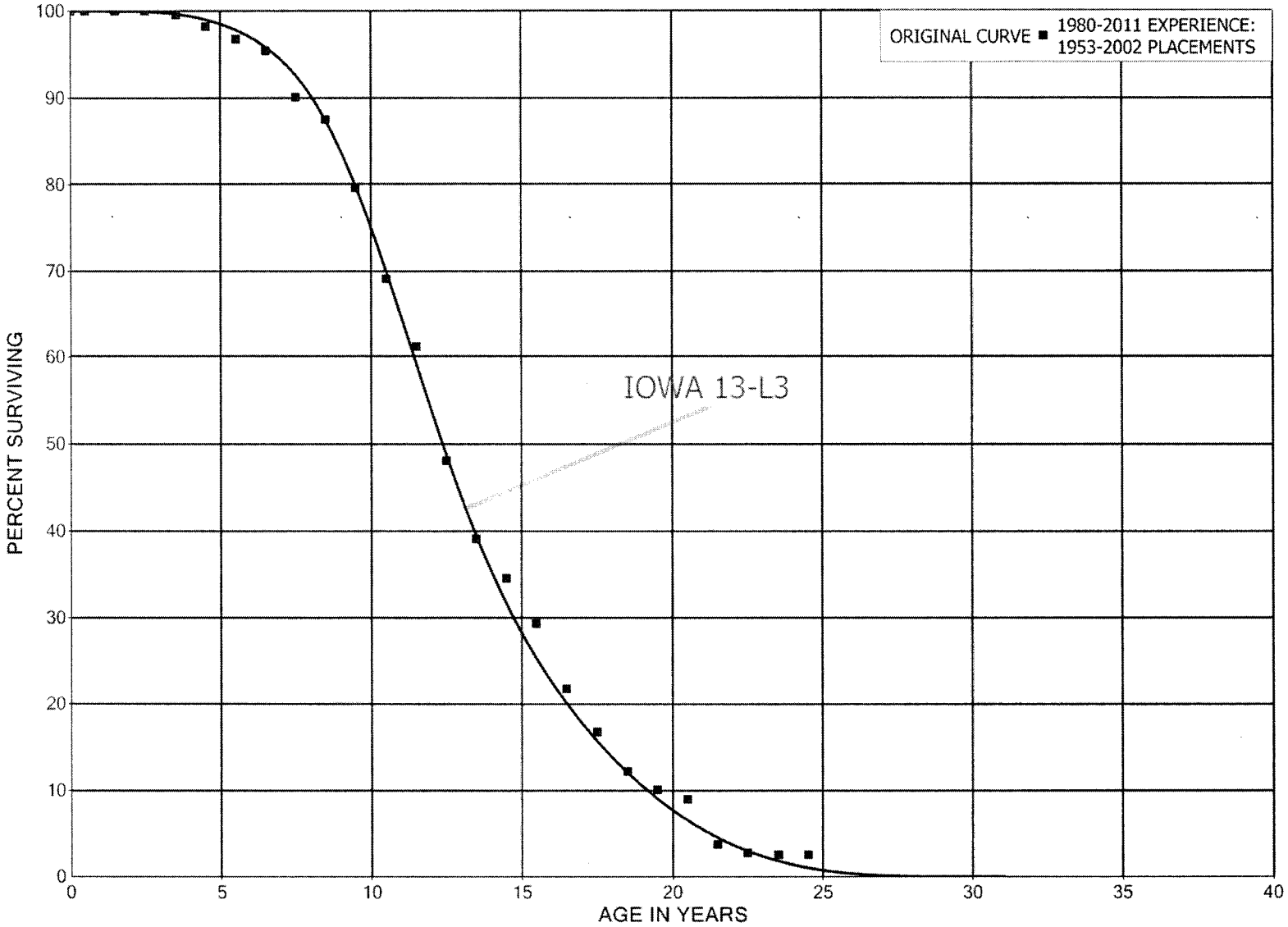
ACCOUNT 392.60 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED

ORIGINAL LIFE TABLE

PLACEMENT BAND 1945-2002 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 68,908,132 | 236,855 | 0.0034 | 0.9966 | 100.00 |
| 0.5 | 67,927,311 | 804,023 | 0.0118 | 0.9882 | 99.66 |
| 1.5 | 68,145,477 | 3,740,425 | 0.0549 | 0.9451 | 98.48 |
| 2.5 | 64,395,924 | 473,993 | 0.0074 | 0.9926 | 93.07 |
| 3.5 | 66,051,072 | 1,153,925 | 0.0175 | 0.9825 | 92.39 |
| 4.5 | 65,033,542 | 2,749,674 | 0.0423 | 0.9577 | 90.77 |
| 5.5 | 62,197,087 | 3,684,005 | 0.0592 | 0.9408 | 86.93 |
| 6.5 | 58,575,680 | 5,190,715 | 0.0886 | 0.9114 | 81.79 |
| 7.5 | 53,637,606 | 11,242,694 | 0.2096 | 0.7904 | 74.54 |
| 8.5 | 43,701,912 | 11,390,036 | 0.2606 | 0.7394 | 58.91 |
| 9.5 | 32,112,898 | 6,771,112 | 0.2109 | 0.7891 | 43.56 |
| 10.5 | 24,176,109 | 5,011,050 | 0.2073 | 0.7927 | 34.37 |
| 11.5 | 19,360,616 | 4,131,219 | 0.2134 | 0.7866 | 27.25 |
| 12.5 | 15,324,481 | 4,615,598 | 0.3012 | 0.6988 | 21.44 |
| 13.5 | 10,062,705 | 2,665,399 | 0.2649 | 0.7351 | 14.98 |
| 14.5 | 7,720,574 | 1,397,443 | 0.1810 | 0.8190 | 11.01 |
| 15.5 | 6,424,139 | 1,573,930 | 0.2450 | 0.7550 | 9.02 |
| 16.5 | 4,861,046 | 982,885 | 0.2022 | 0.7978 | 6.81 |
| 17.5 | 3,878,161 | 688,564 | 0.1775 | 0.8225 | 5.43 |
| 18.5 | 2,975,374 | 526,662 | 0.1770 | 0.8230 | 4.47 |
| 19.5 | 2,412,167 | 537,746 | 0.2229 | 0.7771 | 3.68 |
| 20.5 | 1,790,369 | 570,466 | 0.3186 | 0.6814 | 2.86 |
| 21.5 | 1,042,093 | 230,546 | 0.2212 | 0.7788 | 1.95 |
| 22.5 | 653,572 | 30,760 | 0.0471 | 0.9529 | 1.52 |
| 23.5 | 478,772 | 98,432 | 0.2056 | 0.7944 | 1.44 |
| 24.5 | 1,139,540 | 36,903 | 0.0324 | 0.9676 | 1.15 |
| 25.5 | 1,102,637 | 571,578 | 0.5184 | 0.4816 | 1.11 |
| 26.5 | 531,059 | | 0.0000 | 1.0000 | 0.53 |
| 27.5 | 531,059 | 478,528 | 0.9011 | 0.0989 | 0.53 |
| 28.5 | 52,531 | | 0.0000 | 1.0000 | 0.05 |
| 29.5 | 52,531 | | 0.0000 | 1.0000 | 0.05 |
| 30.5 | 52,531 | | 0.0000 | 1.0000 | 0.05 |
| 31.5 | 52,531 | | 0.0000 | 1.0000 | 0.05 |
| 32.5 | 52,531 | | 0.0000 | 1.0000 | 0.05 |
| 33.5 | 52,531 | 52,531 | 1.0000 | | 0.05 |
| 34.5 | | | | | |
| 35.5 | 10,573 | | 0.0000 | | |
| 36.5 | 10,573 | | 0.0000 | | |
| 37.5 | 10,573 | | 0.0000 | | |
| 38.5 | 10,573 | | 0.0000 | | |
| 39.5 | 10,573 | 10,573 | 1.0000 | | |
| 40.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNTS 392.70 AND 392.80 TRANSPORTATION EQUIPMENT - TRACTORS - GASOLINE AND DIESEL
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNTS 392.70 AND 392.80 TRANSPORTATION EQUIPMENT - TRACTORS - GASOLINE AND DIESEL

ORIGINAL LIFE TABLE

PLACEMENT BAND 1953-2002 EXPERIENCE BAND 1980-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 4,822,334 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 4,938,805 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 5,017,540 | 2,757 | 0.0005 | 0.9995 | 100.00 |
| 2.5 | 5,489,206 | 23,396 | 0.0043 | 0.9957 | 99.95 |
| 3.5 | 5,556,685 | 73,712 | 0.0133 | 0.9867 | 99.52 |
| 4.5 | 5,742,058 | 86,947 | 0.0151 | 0.9849 | 98.20 |
| 5.5 | 6,076,941 | 84,080 | 0.0138 | 0.9862 | 96.71 |
| 6.5 | 6,118,810 | 340,935 | 0.0557 | 0.9443 | 95.37 |
| 7.5 | 6,018,588 | 168,295 | 0.0280 | 0.9720 | 90.06 |
| 8.5 | 6,098,295 | 549,769 | 0.0902 | 0.9098 | 87.54 |
| 9.5 | 5,633,624 | 748,821 | 0.1329 | 0.8671 | 79.65 |
| 10.5 | 5,093,057 | 582,024 | 0.1143 | 0.8857 | 69.06 |
| 11.5 | 4,723,313 | 1,012,796 | 0.2144 | 0.7856 | 61.17 |
| 12.5 | 3,821,603 | 717,811 | 0.1878 | 0.8122 | 48.05 |
| 13.5 | 3,082,546 | 355,894 | 0.1155 | 0.8845 | 39.03 |
| 14.5 | 2,780,960 | 421,319 | 0.1515 | 0.8485 | 34.52 |
| 15.5 | 2,386,826 | 617,794 | 0.2588 | 0.7412 | 29.29 |
| 16.5 | 1,769,032 | 402,897 | 0.2277 | 0.7723 | 21.71 |
| 17.5 | 1,378,606 | 380,769 | 0.2762 | 0.7238 | 16.77 |
| 18.5 | 979,403 | 163,362 | 0.1668 | 0.8332 | 12.13 |
| 19.5 | 741,314 | 80,838 | 0.1090 | 0.8910 | 10.11 |
| 20.5 | 660,476 | 388,450 | 0.5881 | 0.4119 | 9.01 |
| 21.5 | 272,026 | 75,986 | 0.2793 | 0.7207 | 3.71 |
| 22.5 | 196,040 | 12,471 | 0.0636 | 0.9364 | 2.67 |
| 23.5 | 183,569 | | 0.0000 | 1.0000 | 2.50 |
| 24.5 | 183,569 | 183,569 | 1.0000 | | 2.50 |
| 25.5 | | | | | |
| 26.5 | 53 | | 0.0000 | | |
| 27.5 | 53 | | 0.0000 | | |
| 28.5 | 53 | | 0.0000 | | |
| 29.5 | 53 | | 0.0000 | | |
| 30.5 | 53 | | 0.0000 | | |
| 31.5 | 53 | | 0.0000 | | |
| 32.5 | 53 | | 0.0000 | | |
| 33.5 | 53 | | 0.0000 | | |
| 34.5 | 53 | | 0.0000 | | |
| 35.5 | 53 | | 0.0000 | | |
| 36.5 | 53 | | 0.0000 | | |
| 37.5 | 53 | | 0.0000 | | |
| 38.5 | 53 | | 0.0000 | | |

DUKE ENERGY CAROLINAS

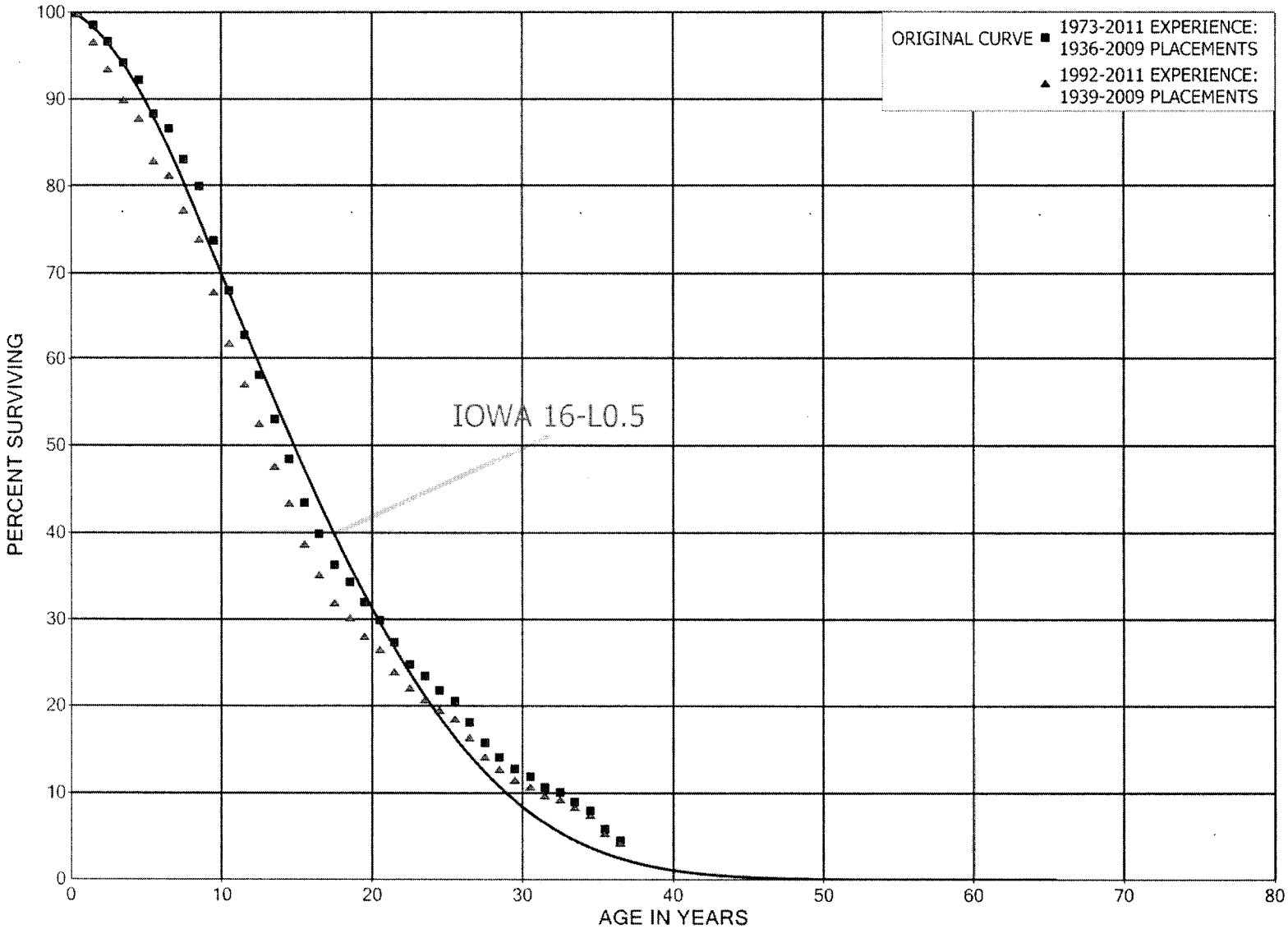
ACCOUNTS 392.70 AND 392.80 TRANSPORTATION EQUIPMENT - TRACTORS - GASOLINE AND DIESEL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1953-2002 EXPERIENCE BAND 1980-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 53 | | 0.0000 | | |
| 40.5 | 53 | | 0.0000 | | |
| 41.5 | 53 | | 0.0000 | | |
| 42.5 | 53 | | 0.0000 | | |
| 43.5 | 53 | | 0.0000 | | |
| 44.5 | 53 | | 0.0000 | | |
| 45.5 | 53 | | 0.0000 | | |
| 46.5 | 53 | | 0.0000 | | |
| 47.5 | 53 | | 0.0000 | | |
| 48.5 | 53 | | 0.0000 | | |
| 49.5 | 53 | | 0.0000 | | |
| 50.5 | 53 | | 0.0000 | | |
| 51.5 | 53 | | 0.0000 | | |
| 52.5 | 53 | | 0.0000 | | |
| 53.5 | 53 | | 0.0000 | | |
| 54.5 | 53 | | 0.0000 | | |
| 55.5 | 53 | | 0.0000 | | |
| 56.5 | 53 | | 0.0000 | | |
| 57.5 | 53 | | 0.0000 | | |
| 58.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 392.90 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 392.90 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1936-2009 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 15,411,046 | 23,784 | 0.0015 | 0.9985 | 100.00 |
| 0.5 | 15,348,349 | 211,895 | 0.0138 | 0.9862 | 99.85 |
| 1.5 | 15,121,193 | 284,034 | 0.0188 | 0.9812 | 98.47 |
| 2.5 | 14,634,199 | 371,460 | 0.0254 | 0.9746 | 96.62 |
| 3.5 | 14,409,925 | 306,668 | 0.0213 | 0.9787 | 94.17 |
| 4.5 | 13,776,182 | 578,813 | 0.0420 | 0.9580 | 92.16 |
| 5.5 | 12,939,927 | 237,843 | 0.0184 | 0.9816 | 88.29 |
| 6.5 | 12,598,175 | 517,235 | 0.0411 | 0.9589 | 86.67 |
| 7.5 | 12,100,494 | 465,516 | 0.0385 | 0.9615 | 83.11 |
| 8.5 | 11,481,339 | 889,162 | 0.0774 | 0.9226 | 79.91 |
| 9.5 | 10,627,452 | 823,594 | 0.0775 | 0.9225 | 73.72 |
| 10.5 | 9,806,528 | 754,933 | 0.0770 | 0.9230 | 68.01 |
| 11.5 | 9,164,610 | 688,524 | 0.0751 | 0.9249 | 62.77 |
| 12.5 | 8,486,003 | 738,671 | 0.0870 | 0.9130 | 58.06 |
| 13.5 | 7,769,600 | 674,758 | 0.0868 | 0.9132 | 53.00 |
| 14.5 | 7,142,822 | 735,612 | 0.1030 | 0.8970 | 48.40 |
| 15.5 | 6,362,225 | 524,720 | 0.0825 | 0.9175 | 43.42 |
| 16.5 | 5,428,320 | 488,636 | 0.0900 | 0.9100 | 39.84 |
| 17.5 | 4,457,008 | 245,096 | 0.0550 | 0.9450 | 36.25 |
| 18.5 | 3,539,581 | 239,824 | 0.0678 | 0.9322 | 34.26 |
| 19.5 | 3,171,049 | 205,712 | 0.0649 | 0.9351 | 31.94 |
| 20.5 | 2,667,470 | 234,267 | 0.0878 | 0.9122 | 29.86 |
| 21.5 | 2,207,317 | 203,932 | 0.0924 | 0.9076 | 27.24 |
| 22.5 | 1,712,186 | 90,138 | 0.0526 | 0.9474 | 24.72 |
| 23.5 | 1,453,274 | 104,464 | 0.0719 | 0.9281 | 23.42 |
| 24.5 | 1,255,253 | 71,129 | 0.0567 | 0.9433 | 21.74 |
| 25.5 | 1,091,266 | 128,303 | 0.1176 | 0.8824 | 20.51 |
| 26.5 | 885,306 | 115,895 | 0.1309 | 0.8691 | 18.10 |
| 27.5 | 737,634 | 77,423 | 0.1050 | 0.8950 | 15.73 |
| 28.5 | 650,709 | 60,681 | 0.0933 | 0.9067 | 14.08 |
| 29.5 | 566,439 | 40,074 | 0.0707 | 0.9293 | 12.76 |
| 30.5 | 451,072 | 45,543 | 0.1010 | 0.8990 | 11.86 |
| 31.5 | 382,434 | 23,045 | 0.0603 | 0.9397 | 10.66 |
| 32.5 | 286,369 | 29,647 | 0.1035 | 0.8965 | 10.02 |
| 33.5 | 232,698 | 25,893 | 0.1113 | 0.8887 | 8.98 |
| 34.5 | 192,329 | 52,438 | 0.2726 | 0.7274 | 7.98 |
| 35.5 | 134,711 | 29,622 | 0.2199 | 0.7801 | 5.81 |
| 36.5 | 102,380 | 5,147 | 0.0503 | 0.9497 | 4.53 |
| 37.5 | 90,122 | 3,737 | 0.0415 | 0.9585 | 4.30 |
| 38.5 | 73,857 | 4,121 | 0.0558 | 0.9442 | 4.12 |

DUKE ENERGY CAROLINAS

ACCOUNT 392.90 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2009 EXPERIENCE BAND 1973-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 67,573 | 3,481 | 0.0515 | 0.9485 | 3.89 |
| 40.5 | 47,619 | 272 | 0.0057 | 0.9943 | 3.69 |
| 41.5 | 45,582 | 120 | 0.0026 | 0.9974 | 3.67 |
| 42.5 | 23,354 | 54 | 0.0023 | 0.9977 | 3.66 |
| 43.5 | 11,993 | 2,169 | 0.1809 | 0.8191 | 3.65 |
| 44.5 | 9,824 | 407 | 0.0414 | 0.9586 | 2.99 |
| 45.5 | 7,216 | 1,204 | 0.1669 | 0.8331 | 2.87 |
| 46.5 | 6,012 | 1,368 | 0.2275 | 0.7725 | 2.39 |
| 47.5 | 4,644 | | 0.0000 | 1.0000 | 1.85 |
| 48.5 | 4,644 | 1,591 | 0.3426 | 0.6574 | 1.85 |
| 49.5 | 3,053 | 337 | 0.1104 | 0.8896 | 1.21 |
| 50.5 | 1,012 | 210 | 0.2075 | 0.7925 | 1.08 |
| 51.5 | 802 | | 0.0000 | 1.0000 | 0.86 |
| 52.5 | 802 | | 0.0000 | 1.0000 | 0.86 |
| 53.5 | 802 | 1 | 0.0012 | 0.9988 | 0.86 |
| 54.5 | 799 | | 0.0000 | 1.0000 | 0.85 |
| 55.5 | 799 | 125 | 0.1564 | 0.8436 | 0.85 |
| 56.5 | 674 | 101 | 0.1499 | 0.8501 | 0.72 |
| 57.5 | 573 | | 0.0000 | 1.0000 | 0.61 |
| 58.5 | 573 | 232 | 0.4049 | 0.5951 | 0.61 |
| 59.5 | 341 | 150 | 0.4399 | 0.5601 | 0.36 |
| 60.5 | 191 | 99 | 0.5183 | 0.4817 | 0.20 |
| 61.5 | 92 | | 0.0000 | 1.0000 | 0.10 |
| 62.5 | 92 | | 0.0000 | 1.0000 | 0.10 |
| 63.5 | 92 | | 0.0000 | 1.0000 | 0.10 |
| 64.5 | 92 | 92 | 1.0000 | | 0.10 |
| 65.5 | | | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 392.90 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1939-2009 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 5,304,437 | 22,943 | 0.0043 | 0.9957 | 100.00 |
| 0.5 | 6,357,790 | 205,250 | 0.0323 | 0.9677 | 99.57 |
| 1.5 | 7,476,978 | 241,961 | 0.0324 | 0.9676 | 96.35 |
| 2.5 | 8,493,276 | 316,061 | 0.0372 | 0.9628 | 93.24 |
| 3.5 | 9,059,303 | 214,784 | 0.0237 | 0.9763 | 89.77 |
| 4.5 | 9,231,845 | 520,553 | 0.0564 | 0.9436 | 87.64 |
| 5.5 | 9,161,195 | 174,683 | 0.0191 | 0.9809 | 82.70 |
| 6.5 | 9,370,820 | 468,241 | 0.0500 | 0.9500 | 81.12 |
| 7.5 | 9,086,514 | 387,842 | 0.0427 | 0.9573 | 77.07 |
| 8.5 | 8,807,590 | 739,711 | 0.0840 | 0.9160 | 73.78 |
| 9.5 | 8,100,669 | 720,558 | 0.0890 | 0.9110 | 67.58 |
| 10.5 | 7,537,377 | 585,388 | 0.0777 | 0.9223 | 61.57 |
| 11.5 | 7,219,910 | 578,223 | 0.0801 | 0.9199 | 56.79 |
| 12.5 | 6,943,997 | 649,007 | 0.0935 | 0.9065 | 52.24 |
| 13.5 | 6,480,183 | 575,046 | 0.0887 | 0.9113 | 47.36 |
| 14.5 | 5,893,396 | 641,765 | 0.1089 | 0.8911 | 43.15 |
| 15.5 | 5,147,262 | 463,927 | 0.0901 | 0.9099 | 38.45 |
| 16.5 | 4,265,185 | 399,568 | 0.0937 | 0.9063 | 34.99 |
| 17.5 | 3,498,425 | 198,008 | 0.0566 | 0.9434 | 31.71 |
| 18.5 | 2,639,262 | 186,268 | 0.0706 | 0.9294 | 29.92 |
| 19.5 | 2,344,797 | 123,620 | 0.0527 | 0.9473 | 27.80 |
| 20.5 | 1,946,580 | 195,793 | 0.1006 | 0.8994 | 26.34 |
| 21.5 | 1,617,100 | 126,978 | 0.0785 | 0.9215 | 23.69 |
| 22.5 | 1,256,697 | 76,788 | 0.0611 | 0.9389 | 21.83 |
| 23.5 | 1,087,791 | 64,391 | 0.0592 | 0.9408 | 20.50 |
| 24.5 | 997,628 | 51,652 | 0.0518 | 0.9482 | 19.28 |
| 25.5 | 893,526 | 103,437 | 0.1158 | 0.8842 | 18.28 |
| 26.5 | 728,902 | 100,576 | 0.1380 | 0.8620 | 16.17 |
| 27.5 | 619,569 | 64,876 | 0.1047 | 0.8953 | 13.94 |
| 28.5 | 550,117 | 52,092 | 0.0947 | 0.9053 | 12.48 |
| 29.5 | 483,588 | 35,602 | 0.0736 | 0.9264 | 11.30 |
| 30.5 | 380,053 | 36,389 | 0.0957 | 0.9043 | 10.46 |
| 31.5 | 343,474 | 12,942 | 0.0377 | 0.9623 | 9.46 |
| 32.5 | 272,161 | 28,666 | 0.1053 | 0.8947 | 9.11 |
| 33.5 | 223,371 | 24,365 | 0.1091 | 0.8909 | 8.15 |
| 34.5 | 184,533 | 51,933 | 0.2814 | 0.7186 | 7.26 |
| 35.5 | 129,272 | 28,729 | 0.2222 | 0.7778 | 5.22 |
| 36.5 | 98,512 | 4,988 | 0.0506 | 0.9494 | 4.06 |
| 37.5 | 88,216 | 3,396 | 0.0385 | 0.9615 | 3.85 |
| 38.5 | 73,050 | 4,120 | 0.0564 | 0.9436 | 3.70 |

DUKE ENERGY CAROLINAS

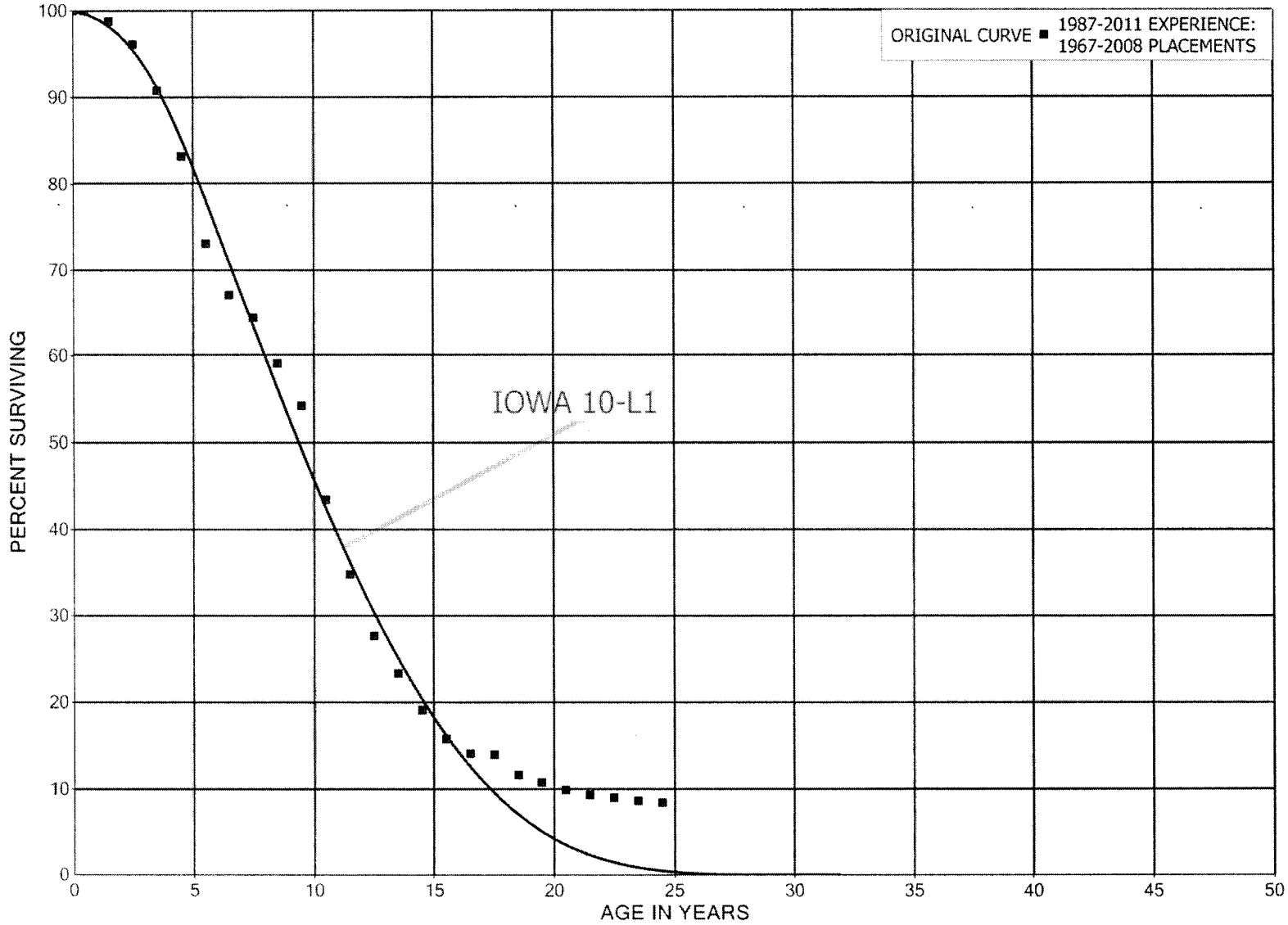
ACCOUNT 392.90 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1939-2009 EXPERIENCE BAND 1992-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 66,769 | 3,481 | 0.0521 | 0.9479 | 3.49 |
| 40.5 | 46,812 | 271 | 0.0058 | 0.9942 | 3.31 |
| 41.5 | 44,775 | 116 | 0.0026 | 0.9974 | 3.29 |
| 42.5 | 22,676 | 54 | 0.0024 | 0.9976 | 3.28 |
| 43.5 | 11,415 | 2,169 | 0.1900 | 0.8100 | 3.28 |
| 44.5 | 9,245 | 406 | 0.0439 | 0.9561 | 2.65 |
| 45.5 | 6,535 | 1,204 | 0.1842 | 0.8158 | 2.54 |
| 46.5 | 5,481 | 1,367 | 0.2494 | 0.7506 | 2.07 |
| 47.5 | 4,213 | | 0.0000 | 1.0000 | 1.55 |
| 48.5 | 4,213 | 1,591 | 0.3776 | 0.6224 | 1.55 |
| 49.5 | 2,622 | | 0.0000 | 1.0000 | 0.97 |
| 50.5 | 919 | 210 | 0.2285 | 0.7715 | 0.97 |
| 51.5 | 801 | | 0.0000 | 1.0000 | 0.75 |
| 52.5 | 802 | | 0.0000 | 1.0000 | 0.75 |
| 53.5 | 802 | 1 | 0.0012 | 0.9988 | 0.75 |
| 54.5 | 799 | | 0.0000 | 1.0000 | 0.74 |
| 55.5 | 799 | 125 | 0.1564 | 0.8436 | 0.74 |
| 56.5 | 674 | 101 | 0.1499 | 0.8501 | 0.63 |
| 57.5 | 573 | | 0.0000 | 1.0000 | 0.53 |
| 58.5 | 573 | 232 | 0.4049 | 0.5951 | 0.53 |
| 59.5 | 341 | 150 | 0.4399 | 0.5601 | 0.32 |
| 60.5 | 191 | 99 | 0.5183 | 0.4817 | 0.18 |
| 61.5 | 92 | | 0.0000 | 1.0000 | 0.09 |
| 62.5 | 92 | | 0.0000 | 1.0000 | 0.09 |
| 63.5 | 92 | | 0.0000 | 1.0000 | 0.09 |
| 64.5 | 92 | 92 | 1.0000 | | 0.09 |
| 65.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNTS 396.10 AND 396.20 POWER OPERATED EQUIPMENT - TRENCHERS, CABLE PLOWS AND RUBBER TIRED TRACTORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNTS 396.10 AND 396.20 POWER OPERATED EQUIPMENT - TRENCHERS, CABLE PLOWS AND RUBBER TIRED TRACTORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2008 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 2,005,083 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 2,281,656 | 29,990 | 0.0131 | 0.9869 | 100.00 |
| 1.5 | 3,328,886 | 88,385 | 0.0266 | 0.9734 | 98.69 |
| 2.5 | 3,971,866 | 221,318 | 0.0557 | 0.9443 | 96.07 |
| 3.5 | 4,671,410 | 388,612 | 0.0832 | 0.9168 | 90.71 |
| 4.5 | 5,220,476 | 632,376 | 0.1211 | 0.8789 | 83.17 |
| 5.5 | 5,283,568 | 431,961 | 0.0818 | 0.9182 | 73.09 |
| 6.5 | 5,299,223 | 213,123 | 0.0402 | 0.9598 | 67.12 |
| 7.5 | 5,279,030 | 441,405 | 0.0836 | 0.9164 | 64.42 |
| 8.5 | 5,283,834 | 439,030 | 0.0831 | 0.9169 | 59.03 |
| 9.5 | 5,476,956 | 1,086,741 | 0.1984 | 0.8016 | 54.13 |
| 10.5 | 4,589,935 | 918,124 | 0.2000 | 0.8000 | 43.39 |
| 11.5 | 3,772,274 | 774,528 | 0.2053 | 0.7947 | 34.71 |
| 12.5 | 3,013,979 | 468,902 | 0.1556 | 0.8444 | 27.58 |
| 13.5 | 2,545,077 | 456,932 | 0.1795 | 0.8205 | 23.29 |
| 14.5 | 2,088,145 | 364,235 | 0.1744 | 0.8256 | 19.11 |
| 15.5 | 1,747,030 | 185,153 | 0.1060 | 0.8940 | 15.78 |
| 16.5 | 1,322,283 | 16,762 | 0.0127 | 0.9873 | 14.10 |
| 17.5 | 1,305,521 | 220,068 | 0.1686 | 0.8314 | 13.93 |
| 18.5 | 941,244 | 66,272 | 0.0704 | 0.9296 | 11.58 |
| 19.5 | 804,617 | 72,761 | 0.0904 | 0.9096 | 10.76 |
| 20.5 | 655,610 | 36,167 | 0.0552 | 0.9448 | 9.79 |
| 21.5 | 557,468 | 18,766 | 0.0337 | 0.9663 | 9.25 |
| 22.5 | 443,932 | 16,226 | 0.0366 | 0.9634 | 8.94 |
| 23.5 | 339,350 | 7,988 | 0.0235 | 0.9765 | 8.61 |
| 24.5 | 102,705 | | 0.0000 | 1.0000 | 8.41 |
| 25.5 | 88,536 | | 0.0000 | 1.0000 | 8.41 |
| 26.5 | 62,460 | | 0.0000 | 1.0000 | 8.41 |
| 27.5 | 43,506 | | 0.0000 | 1.0000 | 8.41 |
| 28.5 | 43,506 | 4,581 | 0.1053 | 0.8947 | 8.41 |
| 29.5 | 38,925 | | 0.0000 | 1.0000 | 7.52 |
| 30.5 | 38,925 | 21,057 | 0.5410 | 0.4590 | 7.52 |
| 31.5 | 17,868 | | 0.0000 | 1.0000 | 3.45 |
| 32.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 33.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 34.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 35.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 36.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 37.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 38.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |

DUKE ENERGY CAROLINAS

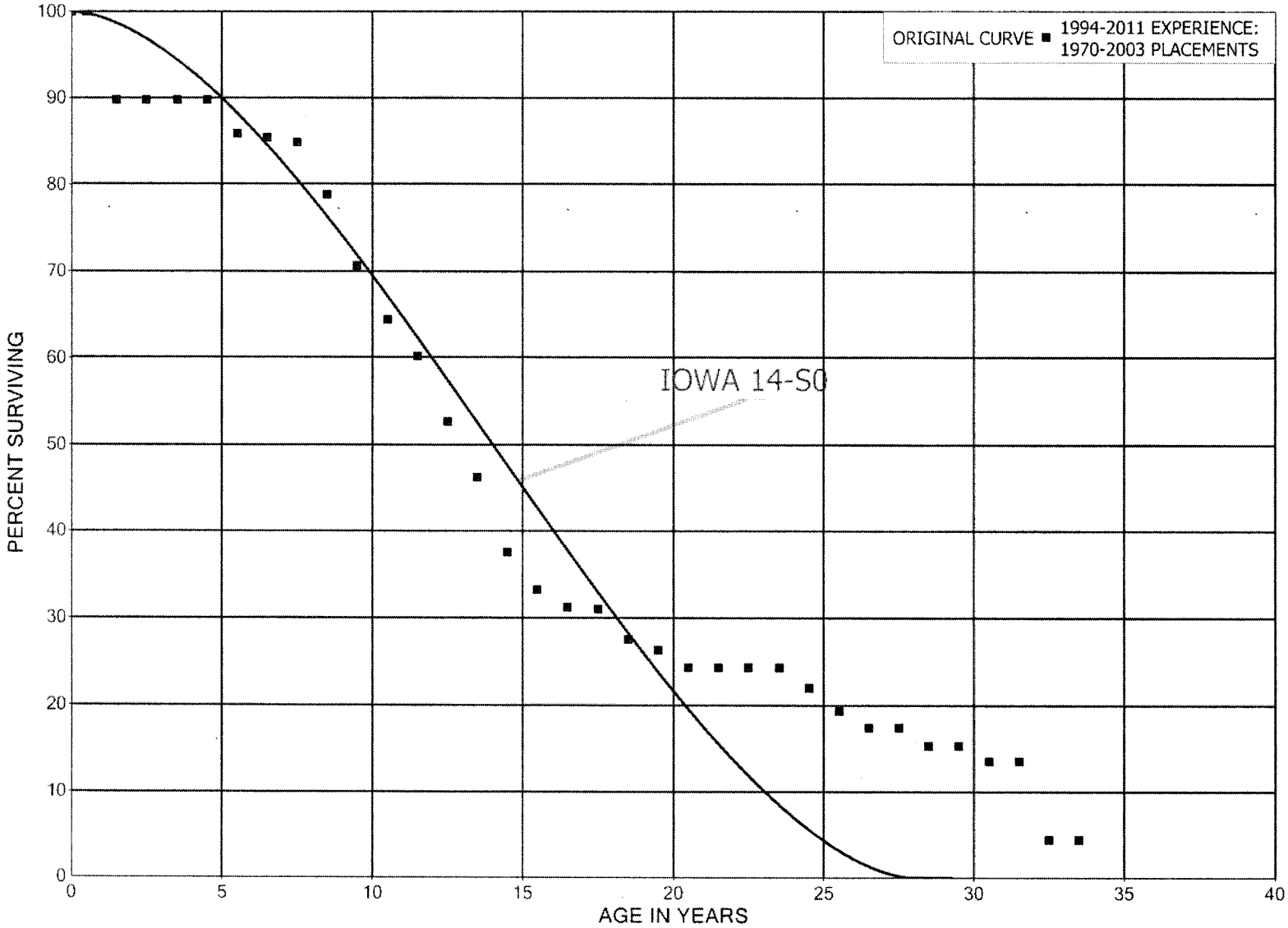
ACCOUNTS 396.10 AND 396.20 POWER OPERATED EQUIPMENT - TRENCHERS, CABLE PLOWS AND RUBBER TIRED TRACTORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1967-2008 EXPERIENCE BAND 1987-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 40.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 41.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 42.5 | 5,190 | | 0.0000 | 1.0000 | 3.45 |
| 43.5 | | | | | 3.45 |

DUKE ENERGY CAROLINAS
ACCOUNT 396.30 POWER OPERATED EQUIPMENT - HEAVY CONSTRUCTION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

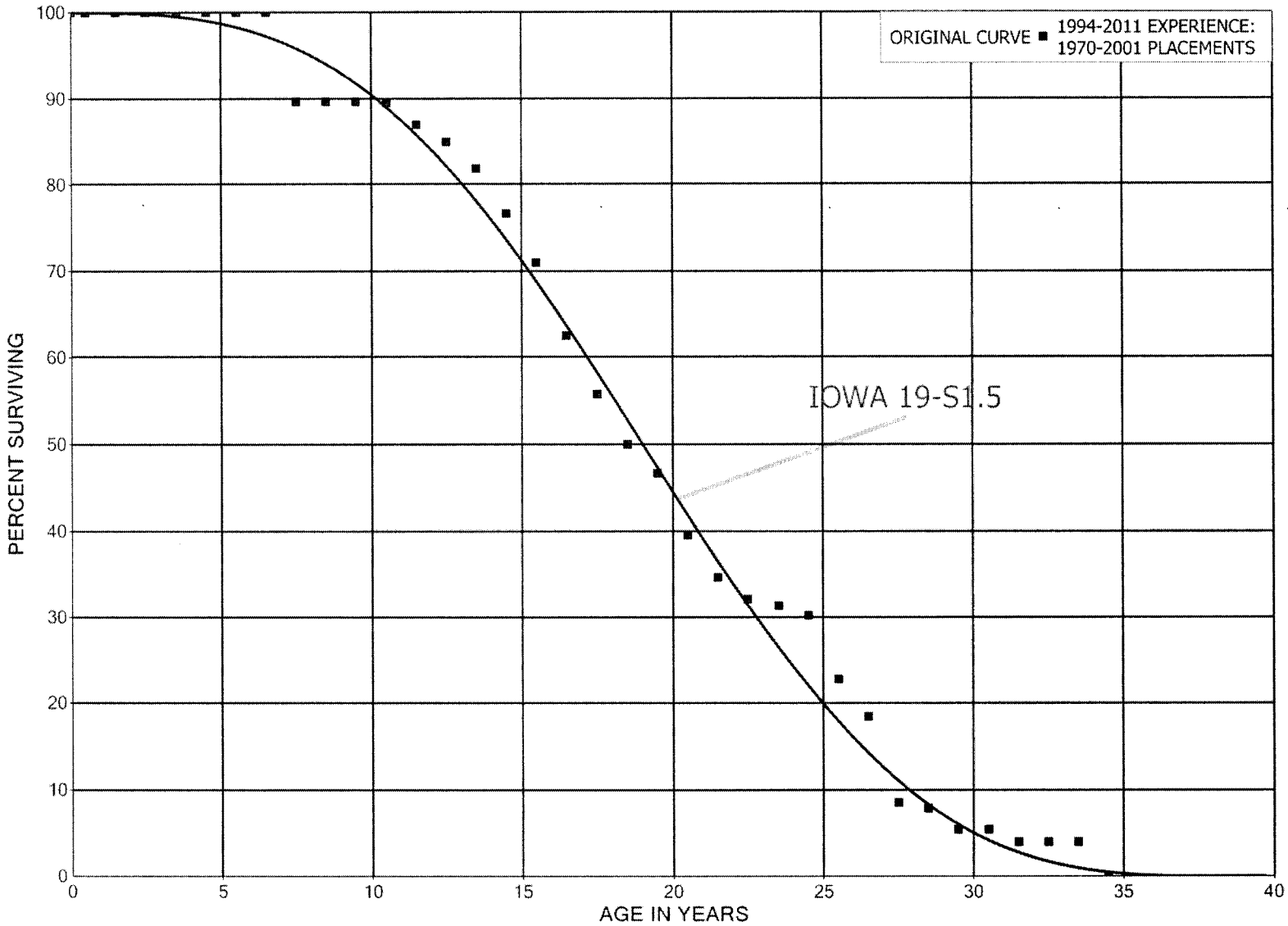
ACCOUNT 396.30 POWER OPERATED EQUIPMENT - HEAVY CONSTRUCTION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2003 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,089,693 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 1,089,693 | 111,631 | 0.1024 | 0.8976 | 100.00 |
| 1.5 | 1,860,980 | | 0.0000 | 1.0000 | 89.76 |
| 2.5 | 1,901,154 | | 0.0000 | 1.0000 | 89.76 |
| 3.5 | 2,330,614 | | 0.0000 | 1.0000 | 89.76 |
| 4.5 | 3,579,387 | 156,498 | 0.0437 | 0.9563 | 89.76 |
| 5.5 | 4,414,534 | 19,837 | 0.0045 | 0.9955 | 85.83 |
| 6.5 | 5,847,049 | 39,101 | 0.0067 | 0.9933 | 85.45 |
| 7.5 | 5,807,948 | 416,338 | 0.0717 | 0.9283 | 84.87 |
| 8.5 | 5,858,707 | 608,757 | 0.1039 | 0.8961 | 78.79 |
| 9.5 | 5,370,090 | 474,376 | 0.0883 | 0.9117 | 70.60 |
| 10.5 | 4,806,944 | 317,051 | 0.0660 | 0.9340 | 64.37 |
| 11.5 | 4,545,018 | 564,729 | 0.1243 | 0.8757 | 60.12 |
| 12.5 | 3,980,289 | 485,812 | 0.1221 | 0.8779 | 52.65 |
| 13.5 | 3,594,477 | 678,063 | 0.1886 | 0.8114 | 46.22 |
| 14.5 | 2,993,919 | 341,890 | 0.1142 | 0.8858 | 37.50 |
| 15.5 | 3,553,091 | 222,679 | 0.0627 | 0.9373 | 33.22 |
| 16.5 | 3,462,194 | 25,000 | 0.0072 | 0.9928 | 31.14 |
| 17.5 | 3,437,194 | 379,078 | 0.1103 | 0.8897 | 30.92 |
| 18.5 | 2,477,760 | 109,267 | 0.0441 | 0.9559 | 27.51 |
| 19.5 | 2,368,493 | 181,816 | 0.0768 | 0.9232 | 26.29 |
| 20.5 | 2,040,867 | | 0.0000 | 1.0000 | 24.27 |
| 21.5 | 1,372,364 | | 0.0000 | 1.0000 | 24.27 |
| 22.5 | 1,486,462 | | 0.0000 | 1.0000 | 24.27 |
| 23.5 | 1,193,391 | 112,267 | 0.0941 | 0.9059 | 24.27 |
| 24.5 | 1,292,990 | 161,888 | 0.1252 | 0.8748 | 21.99 |
| 25.5 | 1,131,102 | 110,640 | 0.0978 | 0.9022 | 19.24 |
| 26.5 | 1,020,462 | | 0.0000 | 1.0000 | 17.36 |
| 27.5 | 1,020,462 | 123,961 | 0.1215 | 0.8785 | 17.36 |
| 28.5 | 896,501 | | 0.0000 | 1.0000 | 15.25 |
| 29.5 | 896,501 | 104,706 | 0.1168 | 0.8832 | 15.25 |
| 30.5 | 791,795 | | 0.0000 | 1.0000 | 13.47 |
| 31.5 | 791,795 | 535,212 | 0.6759 | 0.3241 | 13.47 |
| 32.5 | 256,583 | | 0.0000 | 1.0000 | 4.36 |
| 33.5 | | | | | 4.36 |

DUKE ENERGY CAROLINAS
ACCOUNT 396.40 POWER OPERATED EQUIPMENT - MOBILE CRANES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

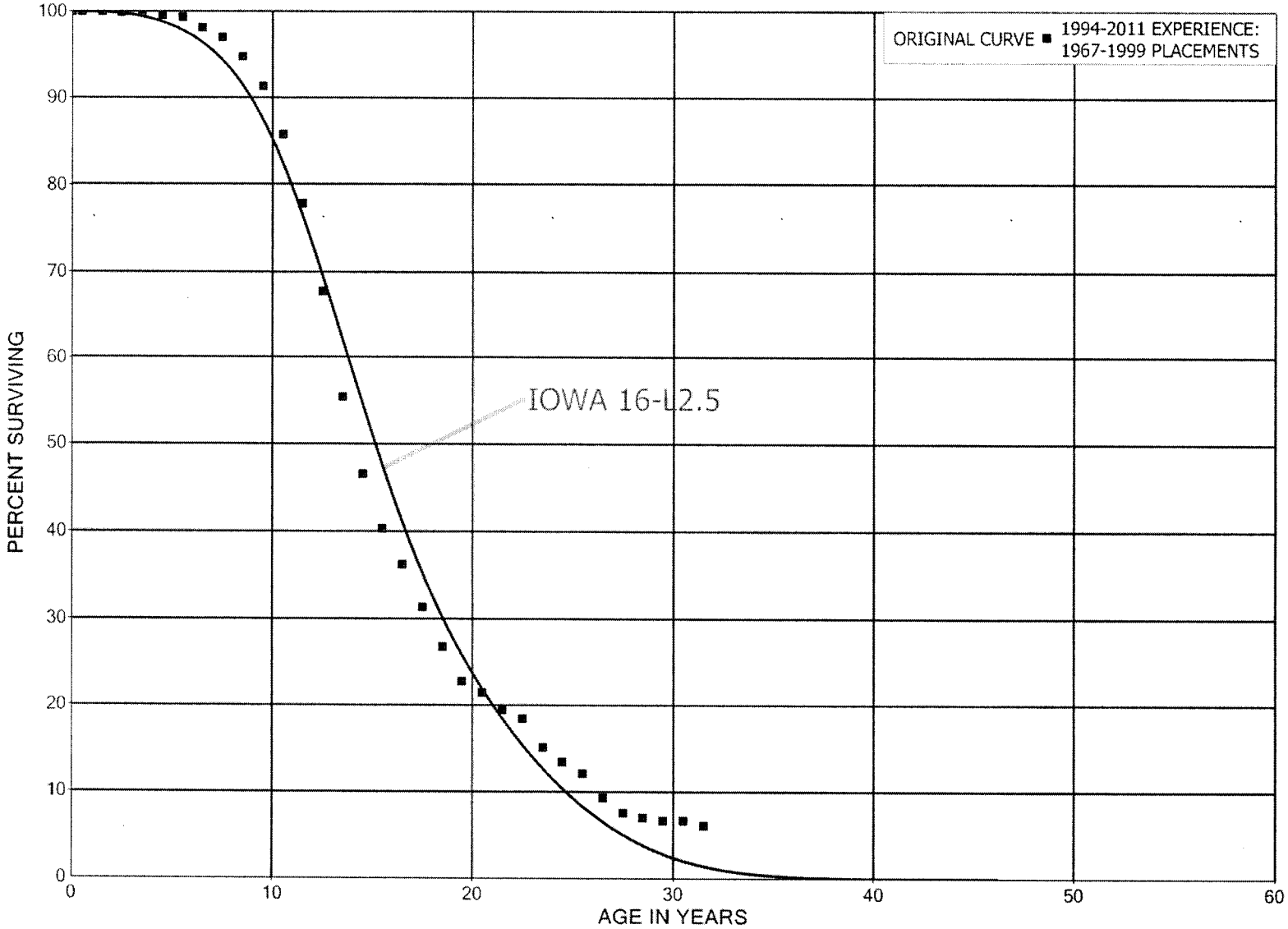
ACCOUNT 396.40 POWER OPERATED EQUIPMENT - MOBILE CRANES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2001 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 1,034,777 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 1,034,777 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 1,754,988 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 2,221,170 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 2,435,188 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 2,875,102 | | 0.0000 | 1.0000 | 100.00 |
| 5.5 | 3,041,468 | | 0.0000 | 1.0000 | 100.00 |
| 6.5 | 4,023,063 | 418,034 | 0.1039 | 0.8961 | 100.00 |
| 7.5 | 5,124,135 | | 0.0000 | 1.0000 | 89.61 |
| 8.5 | 6,805,006 | | 0.0000 | 1.0000 | 89.61 |
| 9.5 | 6,805,006 | 6,657 | 0.0010 | 0.9990 | 89.61 |
| 10.5 | 6,531,455 | 186,375 | 0.0285 | 0.9715 | 89.52 |
| 11.5 | 6,345,080 | 145,911 | 0.0230 | 0.9770 | 86.97 |
| 12.5 | 6,199,169 | 230,127 | 0.0371 | 0.9629 | 84.97 |
| 13.5 | 5,969,042 | 378,419 | 0.0634 | 0.9366 | 81.81 |
| 14.5 | 5,590,623 | 413,550 | 0.0740 | 0.9260 | 76.63 |
| 15.5 | 8,331,956 | 992,876 | 0.1192 | 0.8808 | 70.96 |
| 16.5 | 6,983,980 | 753,212 | 0.1078 | 0.8922 | 62.50 |
| 17.5 | 6,230,768 | 654,402 | 0.1050 | 0.8950 | 55.76 |
| 18.5 | 5,264,080 | 349,021 | 0.0663 | 0.9337 | 49.91 |
| 19.5 | 4,744,977 | 719,464 | 0.1516 | 0.8484 | 46.60 |
| 20.5 | 4,295,879 | 536,896 | 0.1250 | 0.8750 | 39.53 |
| 21.5 | 3,549,196 | 260,381 | 0.0734 | 0.9266 | 34.59 |
| 22.5 | 3,333,742 | 79,040 | 0.0237 | 0.9763 | 32.05 |
| 23.5 | 3,483,448 | 123,817 | 0.0355 | 0.9645 | 31.29 |
| 24.5 | 2,560,935 | 631,234 | 0.2465 | 0.7535 | 30.18 |
| 25.5 | 1,667,934 | 314,910 | 0.1888 | 0.8112 | 22.74 |
| 26.5 | 1,353,024 | 728,251 | 0.5382 | 0.4618 | 18.45 |
| 27.5 | 624,773 | 47,354 | 0.0758 | 0.9242 | 8.52 |
| 28.5 | 577,419 | 179,961 | 0.3117 | 0.6883 | 7.87 |
| 29.5 | 397,458 | | 0.0000 | 1.0000 | 5.42 |
| 30.5 | 397,458 | 105,718 | 0.2660 | 0.7340 | 5.42 |
| 31.5 | 291,740 | | 0.0000 | 1.0000 | 3.98 |
| 32.5 | 251,740 | | 0.0000 | 1.0000 | 3.98 |
| 33.5 | 251,740 | 251,740 | 1.0000 | | 3.98 |
| 34.5 | | | | | |

DUKE ENERGY CAROLINAS
ACCOUNT 396.50 POWER OPERATED EQUIPMENT - FORKLIFTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNT 396.50 POWER OPERATED EQUIPMENT - FORKLIFTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-1999 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 964,176 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 1,016,861 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 1,288,468 | 2,230 | 0.0017 | 0.9983 | 100.00 |
| 2.5 | 1,757,199 | | 0.0000 | 1.0000 | 99.83 |
| 3.5 | 2,791,255 | 9,404 | 0.0034 | 0.9966 | 99.83 |
| 4.5 | 3,448,447 | 7,736 | 0.0022 | 0.9978 | 99.49 |
| 5.5 | 4,792,539 | 57,622 | 0.0120 | 0.9880 | 99.27 |
| 6.5 | 5,993,984 | 70,646 | 0.0118 | 0.9882 | 98.07 |
| 7.5 | 6,976,322 | 157,981 | 0.0226 | 0.9774 | 96.92 |
| 8.5 | 7,608,663 | 277,244 | 0.0364 | 0.9636 | 94.72 |
| 9.5 | 7,648,917 | 465,351 | 0.0608 | 0.9392 | 91.27 |
| 10.5 | 7,487,716 | 686,393 | 0.0917 | 0.9083 | 85.72 |
| 11.5 | 6,938,516 | 903,496 | 0.1302 | 0.8698 | 77.86 |
| 12.5 | 6,142,596 | 1,119,634 | 0.1823 | 0.8177 | 67.72 |
| 13.5 | 5,066,926 | 808,773 | 0.1596 | 0.8404 | 55.38 |
| 14.5 | 4,310,957 | 575,332 | 0.1335 | 0.8665 | 46.54 |
| 15.5 | 3,925,197 | 403,003 | 0.1027 | 0.8973 | 40.33 |
| 16.5 | 3,288,745 | 444,887 | 0.1353 | 0.8647 | 36.19 |
| 17.5 | 2,768,903 | 400,536 | 0.1447 | 0.8553 | 31.29 |
| 18.5 | 2,288,277 | 340,881 | 0.1490 | 0.8510 | 26.77 |
| 19.5 | 1,800,474 | 111,857 | 0.0621 | 0.9379 | 22.78 |
| 20.5 | 1,457,276 | 136,225 | 0.0935 | 0.9065 | 21.36 |
| 21.5 | 1,157,742 | 60,005 | 0.0518 | 0.9482 | 19.37 |
| 22.5 | 877,479 | 156,310 | 0.1781 | 0.8219 | 18.36 |
| 23.5 | 563,389 | 63,073 | 0.1120 | 0.8880 | 15.09 |
| 24.5 | 342,023 | 33,677 | 0.0985 | 0.9015 | 13.40 |
| 25.5 | 260,547 | 60,258 | 0.2313 | 0.7687 | 12.08 |
| 26.5 | 211,634 | 40,060 | 0.1893 | 0.8107 | 9.29 |
| 27.5 | 150,911 | 11,345 | 0.0752 | 0.9248 | 7.53 |
| 28.5 | 139,566 | 7,497 | 0.0537 | 0.9463 | 6.96 |
| 29.5 | 132,069 | | 0.0000 | 1.0000 | 6.59 |
| 30.5 | 132,069 | 11,243 | 0.0851 | 0.9149 | 6.59 |
| 31.5 | 120,826 | | 0.0000 | 1.0000 | 6.03 |
| 32.5 | 120,826 | 11,134 | 0.0921 | 0.9079 | 6.03 |
| 33.5 | 36,829 | | 0.0000 | 1.0000 | 5.47 |
| 34.5 | 36,829 | | 0.0000 | 1.0000 | 5.47 |
| 35.5 | 36,829 | | 0.0000 | 1.0000 | 5.47 |
| 36.5 | 36,829 | | 0.0000 | 1.0000 | 5.47 |
| 37.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 38.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |

DUKE ENERGY CAROLINAS

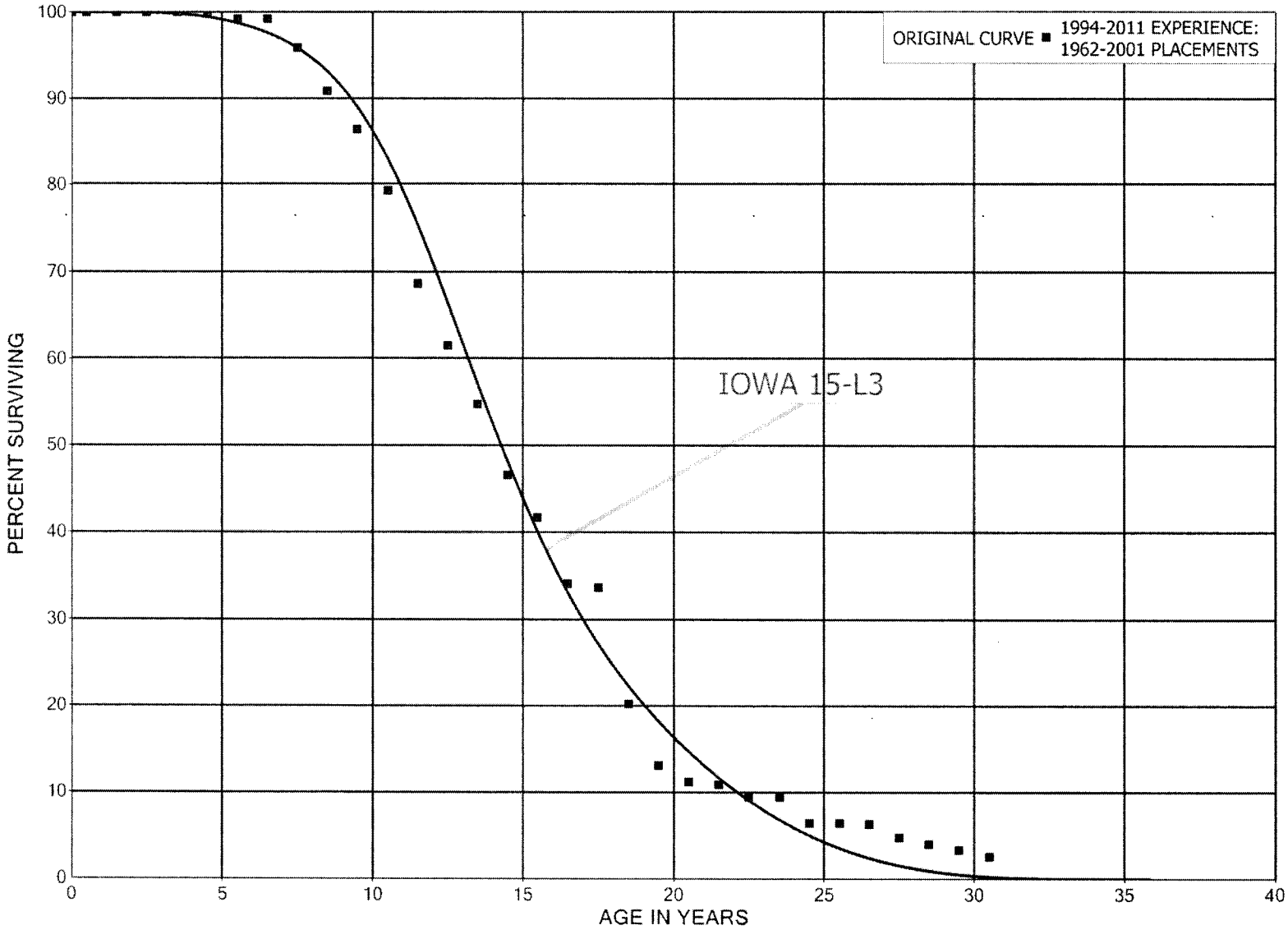
ACCOUNT 396.50 POWER OPERATED EQUIPMENT - FORKLIFTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1967-1999 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 39.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 40.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 41.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 42.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 43.5 | 8,526 | | 0.0000 | 1.0000 | 5.47 |
| 44.5 | | | | | 5.47 |

DUKE ENERGY CAROLINAS
ACCOUNT 396.60 POWER OPERATED EQUIPMENT - TRAILERS WITH MOUNTED EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

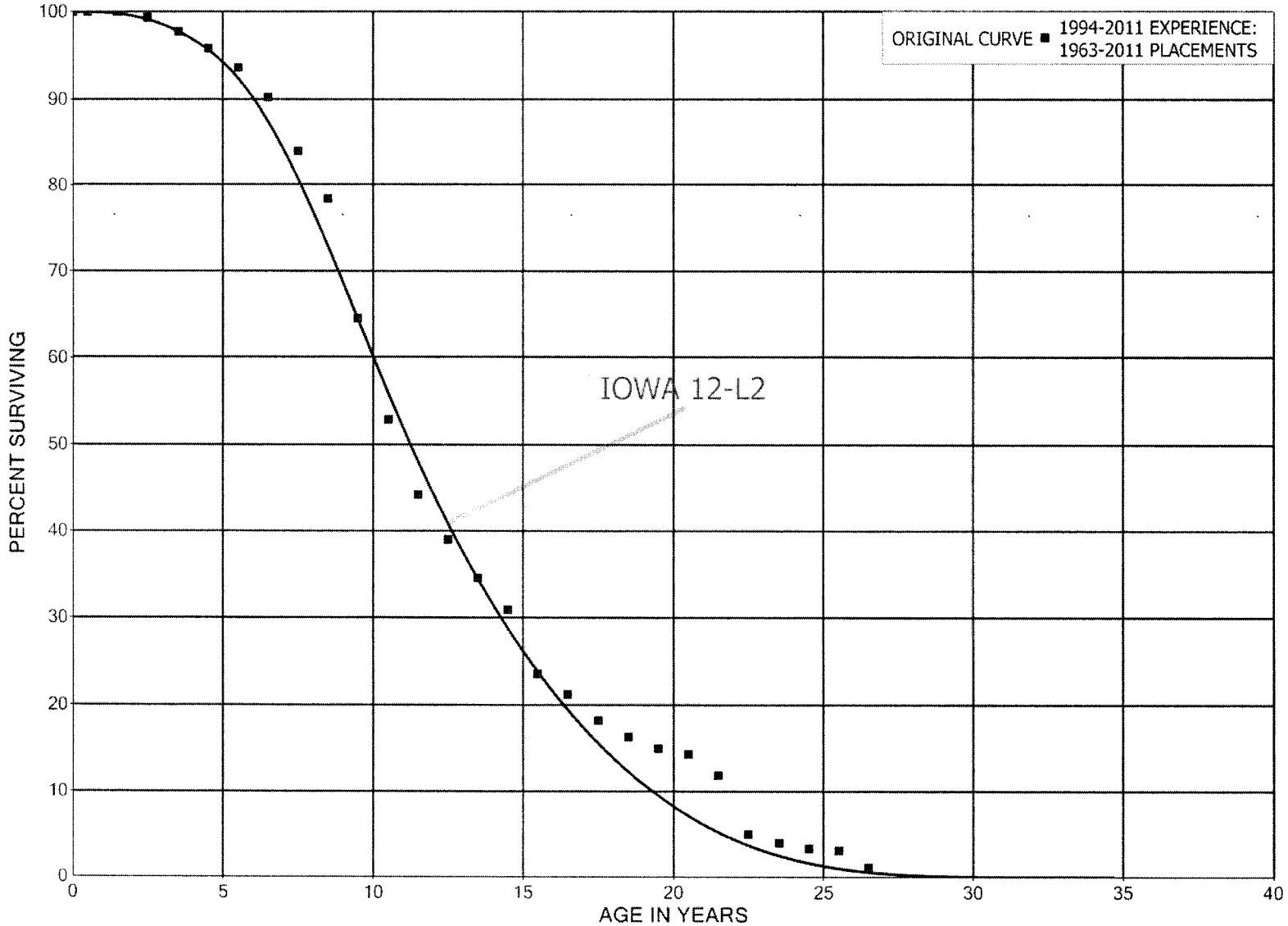
ACCOUNT 396.60 POWER OPERATED EQUIPMENT - TRAILERS WITH MOUNTED EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1962-2001 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 590,773 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 667,736 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 797,100 | | 0.0000 | 1.0000 | 100.00 |
| 2.5 | 821,723 | | 0.0000 | 1.0000 | 100.00 |
| 3.5 | 920,894 | | 0.0000 | 1.0000 | 100.00 |
| 4.5 | 1,164,753 | 9,716 | 0.0083 | 0.9917 | 100.00 |
| 5.5 | 1,311,191 | | 0.0000 | 1.0000 | 99.17 |
| 6.5 | 2,225,138 | 75,588 | 0.0340 | 0.9660 | 99.17 |
| 7.5 | 2,099,876 | 107,605 | 0.0512 | 0.9488 | 95.80 |
| 8.5 | 2,081,384 | 104,036 | 0.0500 | 0.9500 | 90.89 |
| 9.5 | 2,002,546 | 163,530 | 0.0817 | 0.9183 | 86.35 |
| 10.5 | 1,785,738 | 239,699 | 0.1342 | 0.8658 | 79.29 |
| 11.5 | 1,553,853 | 161,557 | 0.1040 | 0.8960 | 68.65 |
| 12.5 | 1,409,485 | 154,496 | 0.1096 | 0.8904 | 61.51 |
| 13.5 | 1,254,989 | 188,207 | 0.1500 | 0.8500 | 54.77 |
| 14.5 | 1,098,937 | 117,183 | 0.1066 | 0.8934 | 46.56 |
| 15.5 | 739,511 | 133,736 | 0.1808 | 0.8192 | 41.59 |
| 16.5 | 644,128 | 8,738 | 0.0136 | 0.9864 | 34.07 |
| 17.5 | 670,620 | 268,354 | 0.4002 | 0.5998 | 33.61 |
| 18.5 | 413,230 | 145,969 | 0.3532 | 0.6468 | 20.16 |
| 19.5 | 279,123 | 39,960 | 0.1432 | 0.8568 | 13.04 |
| 20.5 | 188,544 | 6,138 | 0.0326 | 0.9674 | 11.17 |
| 21.5 | 101,942 | 13,704 | 0.1344 | 0.8656 | 10.81 |
| 22.5 | 129,275 | | 0.0000 | 1.0000 | 9.36 |
| 23.5 | 119,069 | 37,024 | 0.3109 | 0.6891 | 9.36 |
| 24.5 | 84,182 | | 0.0000 | 1.0000 | 6.45 |
| 25.5 | 84,182 | 2,137 | 0.0254 | 0.9746 | 6.45 |
| 26.5 | 82,045 | 20,708 | 0.2524 | 0.7476 | 6.28 |
| 27.5 | 61,337 | 9,231 | 0.1505 | 0.8495 | 4.70 |
| 28.5 | 52,106 | 8,659 | 0.1662 | 0.8338 | 3.99 |
| 29.5 | 43,447 | 11,369 | 0.2617 | 0.7383 | 3.33 |
| 30.5 | 32,078 | 13,674 | 0.4263 | 0.5737 | 2.46 |
| 31.5 | 18,404 | | 0.0000 | 1.0000 | 1.41 |
| 32.5 | 19,296 | 12,232 | 0.6339 | 0.3661 | 1.41 |
| 33.5 | 6,172 | | 0.0000 | 1.0000 | 0.52 |
| 34.5 | 6,172 | | 0.0000 | 1.0000 | 0.52 |
| 35.5 | 6,172 | | 0.0000 | 1.0000 | 0.52 |
| 36.5 | 6,172 | | 0.0000 | 1.0000 | 0.52 |
| 37.5 | | | | | 0.52 |

DUKE ENERGY CAROLINAS
ACCOUNTS 396.70 AND 396.90 POWER OPERATED EQUIPMENT - MISCELLANEOUS EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY CAROLINAS

ACCOUNTS 396.70 AND 396.90 POWER OPERATED EQUIPMENT - MISCELLANEOUS EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2011 EXPERIENCE BAND 1994-2011

| AGE AT BEGIN OF INTERVAL | EXPOSURES AT BEGINNING OF AGE INTERVAL | RETIREMENTS DURING AGE INTERVAL | RETMT RATIO | SURV RATIO | PCT SURV BEGIN OF INTERVAL |
|---|---|---|---|---|---|
| 0.0 | 7,929,154 | | 0.0000 | 1.0000 | 100.00 |
| 0.5 | 6,705,410 | | 0.0000 | 1.0000 | 100.00 |
| 1.5 | 6,501,708 | 47,042 | 0.0072 | 0.9928 | 100.00 |
| 2.5 | 6,028,802 | 92,236 | 0.0153 | 0.9847 | 99.28 |
| 3.5 | 5,883,787 | 115,738 | 0.0197 | 0.9803 | 97.76 |
| 4.5 | 5,915,616 | 137,196 | 0.0232 | 0.9768 | 95.83 |
| 5.5 | 5,609,152 | 207,419 | 0.0370 | 0.9630 | 93.61 |
| 6.5 | 5,253,591 | 362,239 | 0.0690 | 0.9310 | 90.15 |
| 7.5 | 5,266,077 | 345,957 | 0.0657 | 0.9343 | 83.93 |
| 8.5 | 5,133,961 | 911,157 | 0.1775 | 0.8225 | 78.42 |
| 9.5 | 4,300,396 | 780,838 | 0.1816 | 0.8184 | 64.50 |
| 10.5 | 3,358,283 | 549,465 | 0.1636 | 0.8364 | 52.79 |
| 11.5 | 2,827,976 | 331,327 | 0.1172 | 0.8828 | 44.15 |
| 12.5 | 2,540,445 | 292,744 | 0.1152 | 0.8848 | 38.98 |
| 13.5 | 2,225,606 | 235,789 | 0.1059 | 0.8941 | 34.49 |
| 14.5 | 1,865,458 | 442,695 | 0.2373 | 0.7627 | 30.83 |
| 15.5 | 1,349,412 | 134,807 | 0.0999 | 0.9001 | 23.52 |
| 16.5 | 1,117,398 | 160,390 | 0.1435 | 0.8565 | 21.17 |
| 17.5 | 762,156 | 75,534 | 0.0991 | 0.9009 | 18.13 |
| 18.5 | 616,824 | 50,465 | 0.0818 | 0.9182 | 16.33 |
| 19.5 | 559,992 | 26,549 | 0.0474 | 0.9526 | 15.00 |
| 20.5 | 465,991 | 80,304 | 0.1723 | 0.8277 | 14.29 |
| 21.5 | 396,701 | 229,361 | 0.5782 | 0.4218 | 11.82 |
| 22.5 | 149,995 | 32,037 | 0.2136 | 0.7864 | 4.99 |
| 23.5 | 113,215 | 19,078 | 0.1685 | 0.8315 | 3.92 |
| 24.5 | 186,462 | 12,140 | 0.0651 | 0.9349 | 3.26 |
| 25.5 | 174,322 | 111,463 | 0.6394 | 0.3606 | 3.05 |
| 26.5 | 60,643 | 11,630 | 0.1918 | 0.8082 | 1.10 |
| 27.5 | 24,209 | 4,000 | 0.1652 | 0.8348 | 0.89 |
| 28.5 | 20,209 | | 0.0000 | 1.0000 | 0.74 |
| 29.5 | 20,209 | | 0.0000 | 1.0000 | 0.74 |
| 30.5 | 18,032 | | 0.0000 | 1.0000 | 0.74 |
| 31.5 | 18,032 | | 0.0000 | 1.0000 | 0.74 |
| 32.5 | 11,032 | 4,382 | 0.3972 | 0.6028 | 0.74 |
| 33.5 | 6,650 | | 0.0000 | 1.0000 | 0.45 |
| 34.5 | 6,650 | | 0.0000 | 1.0000 | 0.45 |
| 35.5 | | | | | 0.45 |

# NET SALVAGE STATISTICS

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 61,868 | 2,428 | 4 | | 0 | 2,428- | 4- |
| 2004 | 263,145 | 5,493 | 2 | | 0 | 5,493- | 2- |
| 2005 | 268,631 | 1,359 | 1 | | 0 | 1,359- | 1- |
| 2006 | 579,305 | 28,947 | 5 | | 0 | 28,947- | 5- |
| 2007 | 5,038,541 | 110,064 | 2 | | 0 | 110,064- | 2- |
| 2008 | 2,350,054 | 31,805 | 1 | | 0 | 31,805- | 1- |
| 2009 | 1,238,440 | 271,982- | 22- | 116,808 | 9 | 388,790 | 31 |
| 2010 | 6,000,768 | 593,066 | 10 | 8,862 | 0 | 584,204- | 10- |
| 2011 | 5,295,487- | 623,892 | 12- | 245,076 | 5- | 378,816- | 7 |
| TOTAL | 10,505,266 | 1,125,073 | 11 | 370,746 | 4 | 754,328- | 7- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 197,881 | 3,093 | 2 | | 0 | 3,093- | 2- |
| 04-06 | 370,360 | 11,933 | 3 | | 0 | 11,933- | 3- |
| 05-07 | 1,962,159 | 46,790 | 2 | | 0 | 46,790- | 2- |
| 06-08 | 2,655,967 | 56,939 | 2 | | 0 | 56,939- | 2- |
| 07-09 | 2,875,678 | 43,371- | 2- | 38,936 | 1 | 82,307 | 3 |
| 08-10 | 3,196,421 | 117,630 | 4 | 41,890 | 1 | 75,740- | 2- |
| 09-11 | 647,907 | 314,992 | 49 | 123,582 | 19 | 191,410- | 30- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,866,463 | 217,369 | 12 | 74,149 | 4 | 143,220- | 8- |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 24,510,181 | 2,116,157 | 9 | 8,376- | 0 | 2,124,533- | 9- |
| 2004 | 18,390,930 | 844,618 | 5 | | 0 | 844,618- | 5- |
| 2005 | 347,852 | 3,872 | 1 | | 0 | 3,872- | 1- |
| 2006 | 3,895,657 | 428,253 | 11 | 289,509 | 7 | 138,744- | 4- |
| 2007 | 6,840,718 | 328,750 | 5 | 17,100- | 0 | 345,850- | 5- |
| 2008 | 44,251,031 | 1,317,552 | 3 | 6,421- | 0 | 1,323,973- | 3- |
| 2009 | 14,730,400 | 4,255,790 | 29 | 548,618 | 4 | 3,707,172- | 25- |
| 2010 | 13,163,796 | 1,661,020 | 13 | 27,277 | 0 | 1,633,742- | 12- |
| 2011 | 57,604,556 | 7,271,337 | 13 | 1,280,146 | 2 | 5,991,191- | 10- |
| TOTAL | 183,735,121 | 18,227,349 | 10 | 2,113,653 | 1 | 16,113,696- | 9- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 14,416,321 | 988,216 | 7 | 2,792- | 0 | 991,008- | 7- |
| 04-06 | 7,544,813 | 425,581 | 6 | 96,503 | 1 | 329,078- | 4- |
| 05-07 | 3,694,742 | 253,625 | 7 | 90,803 | 2 | 162,822- | 4- |
| 06-08 | 18,329,135 | 691,519 | 4 | 88,663 | 0 | 602,856- | 3- |
| 07-09 | 21,940,716 | 1,967,364 | 9 | 175,032 | 1 | 1,792,332- | 8- |
| 08-10 | 24,048,409 | 2,411,454 | 10 | 189,825 | 1 | 2,221,629- | 9- |
| 09-11 | 28,499,584 | 4,396,049 | 15 | 618,681 | 2 | 3,777,368- | 13- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 27,318,100 | 2,966,890 | 11 | 366,504 | 1 | 2,600,386- | 10- |

DUKE ENERGY CAROLINAS

ACCOUNT 312.1 BOILER PLANT EQUIPMENT - CLEAN AIR FACILITIES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2005 | | 73,227 | | | | 73,227- | |
| 2006 | 29,599 | | 0 | | 0 | | 0 |
| 2007 | 18,658 | 13,213 | 71 | | 0 | 13,213- | 71- |
| 2008 | 23,265 | 4,461- | 19- | | 0 | 4,461 | 19 |
| 2009 | | | | | | | |
| 2010 | | | | | | | |
| 2011 | 7,293,241 | | 0 | | 0 | | 0 |
| TOTAL | 7,364,763 | 81,979 | 1 | | 0 | 81,979- | 1- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 05-07 | 16,086 | 28,813 | 179 | | 0 | 28,813- | 179- |
| 06-08 | 23,841 | 2,917 | 12 | | 0 | 2,917- | 12- |
| 07-09 | 13,974 | 2,917 | 21 | | 0 | 2,917- | 21- |
| 08-10 | 7,755 | 1,487- | 19- | | 0 | 1,487 | 19 |
| 09-11 | 2,431,080 | | 0 | | 0 | | 0 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,467,033 | 1,750 | 0 | | 0 | 1,750- | 0 |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 8,271,513 | 746,606 | 9 | 4,240- | 0 | 750,846- | 9- |
| 2004 | 7,720,858 | 370,704 | 5 | | 0 | 370,704- | 5- |
| 2005 | 5,125,149 | 59,643 | 1 | | 0 | 59,643- | 1- |
| 2006 | 1,937,688 | 222,694 | 11 | 216,001 | 11 | 6,693- | 0 |
| 2007 | 2,969,507 | 149,195 | 5 | 11,134- | 0 | 160,329- | 5- |
| 2008 | 8,653,956 | 269,379 | 3 | 1,884- | 0 | 271,263- | 3- |
| 2009 | 10,542,295 | 425,037- | 4- | 138,226 | 1 | 563,263 | 5 |
| 2010 | 17,054,984 | 2,432,293 | 14 | 16,092 | 0 | 2,416,202- | 14- |
| 2011 | 14,292,394 | 511,852 | 4 | 221,854 | 2 | 289,998- | 2- |
| TOTAL | 76,568,344 | 4,337,330 | 6 | 574,915 | 1 | 3,762,415- | 5- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 7,039,173 | 392,318 | 6 | 1,413- | 0 | 393,731- | 6- |
| 04-06 | 4,927,898 | 217,680 | 4 | 72,000 | 1 | 145,680- | 3- |
| 05-07 | 3,344,115 | 143,844 | 4 | 68,289 | 2 | 75,555- | 2- |
| 06-08 | 4,520,384 | 213,756 | 5 | 67,661 | 1 | 146,095- | 3- |
| 07-09 | 7,388,586 | 2,154- | 0 | 41,736 | 1 | 43,890 | 1 |
| 08-10 | 12,083,745 | 758,879 | 6 | 50,811 | 0 | 708,067- | 6- |
| 09-11 | 13,963,224 | 839,703 | 6 | 125,391 | 1 | 714,312- | 5- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 10,702,627 | 587,537 | 5 | 72,631 | 1 | 514,906- | 5- |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 165,612 | 3,900 | 2 | 28- | 0 | 3,928- | 2- |
| 2004 | 8,510,912 | 106,601 | 1 | | 0 | 106,601- | 1- |
| 2005 | 16,696 | 51 | 0 | | 0 | 51- | 0 |
| 2006 | 248,141 | 7,440 | 3 | 9,220 | 4 | 1,781 | 1 |
| 2007 | 410,049 | 5,374 | 1 | 513- | 0 | 5,887- | 1- |
| 2008 | 396,007 | 3,216 | 1 | 29- | 0 | 3,244- | 1- |
| 2009 | 315,847 | 327,865- | 104- | 84,067 | 27 | 411,932 | 130 |
| 2010 | 649,783 | 242,811 | 37 | 8,230 | 1 | 234,581- | 36- |
| 2011 | 8,064,211 | 258,302 | 3 | 125,179 | 2 | 133,123- | 2- |
| TOTAL | 18,777,257 | 299,829 | 2 | 226,127 | 1 | 73,702- | 0 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,897,740 | 36,850 | 1 | 9- | 0 | 36,860- | 1- |
| 04-06 | 2,925,250 | 38,030 | 1 | 3,073 | 0 | 34,957- | 1- |
| 05-07 | 224,962 | 4,288 | 2 | 2,903 | 1 | 1,386- | 1- |
| 06-08 | 351,399 | 5,343 | 2 | 2,893 | 1 | 2,450- | 1- |
| 07-09 | 373,968 | 106,425- | 28- | 27,842 | 7 | 134,267 | 36 |
| 08-10 | 453,879 | 27,280- | 6- | 30,756 | 7 | 58,036 | 13 |
| 09-11 | 3,009,947 | 57,749 | 2 | 72,492 | 2 | 14,743 | 0 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,967,179 | 36,368 | 2 | 43,387 | 2 | 7,019 | 0 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 183,388 | 3,598 | 2 | | 0 | 3,598- | 2- |
| 2004 | 1,312,136 | 13,696 | 1 | | 0 | 13,696- | 1- |
| 2005 | 2,538,358 | 6,422 | 0 | | 0 | 6,422- | 0 |
| 2006 | 875,085 | 21,863 | 2 | | 0 | 21,863- | 2- |
| 2007 | 3,085,072 | 33,696 | 1 | | 0 | 33,696- | 1- |
| 2008 | 4,740,474 | 32,078 | 1 | | 0 | 32,078- | 1- |
| 2009 | 1,018,443 | 123,553- | 12- | 22,784 | 2 | 146,337 | 14 |
| 2010 | 378,879 | 110,343 | 29 | 1,862 | 0 | 108,481- | 29- |
| 2011 | 2,513,842 | 65,292 | 3 | 24,071 | 1 | 41,222- | 2- |
| TOTAL | 16,645,677 | 163,436 | 1 | 48,717 | 0 | 114,719- | 1- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 1,344,627 | 7,905 | 1 | | 0 | 7,905- | 1- |
| 04-06 | 1,575,193 | 13,994 | 1 | | 0 | 13,994- | 1- |
| 05-07 | 2,166,172 | 20,660 | 1 | | 0 | 20,660- | 1- |
| 06-08 | 2,900,210 | 29,213 | 1 | | 0 | 29,213- | 1- |
| 07-09 | 2,947,996 | 19,260- | 1- | 7,595 | 0 | 26,854 | 1 |
| 08-10 | 2,045,932 | 6,289 | 0 | 8,215 | 0 | 1,926 | 0 |
| 09-11 | 1,303,721 | 17,361 | 1 | 16,239 | 1 | 1,122- | 0 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 2,347,342 | 23,571 | 1 | 9,743 | 0 | 13,828- | 1- |

DUKE ENERGY CAROLINAS

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 2,993,967 | 23,195 | 1 | | 0 | 23,195- | 1- |
| 2004 | 17,280,991 | 5,591 | 0 | | 0 | 5,591- | 0 |
| 2005 | 7,992,284 | 10,932 | 0 | | 0 | 10,932- | 0 |
| 2006 | 11,142,930 | 26,623 | 0 | | 0 | 26,623- | 0 |
| 2007 | 15,046,388 | 20,549 | 0 | | 0 | 20,549- | 0 |
| 2008 | 14,269,307 | 19,910 | 0 | | 0 | 19,910- | 0 |
| 2009 | 5,133,126 | | 0 | 3,157,616- | 62- | 3,157,616- | 62- |
| 2010 | 3,876,195 | 738,571 | 19 | 430,054 | 11 | 308,516- | 8- |
| 2011 | 15,604,347 | 1,722,075 | 11 | 103,036 | 1 | 1,619,039- | 10- |
| TOTAL | 93,339,534 | 2,567,446 | 3 | 2,624,526- | 3- | 5,191,971- | 6- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 9,422,414 | 13,239 | 0 | | 0 | 13,239- | 0 |
| 04-06 | 12,138,735 | 14,382 | 0 | | 0 | 14,382- | 0 |
| 05-07 | 11,393,867 | 19,368 | 0 | | 0 | 19,368- | 0 |
| 06-08 | 13,486,208 | 22,361 | 0 | | 0 | 22,361- | 0 |
| 07-09 | 11,482,940 | 13,486 | 0 | 1,052,539- | 9- | 1,066,025- | 9- |
| 08-10 | 7,759,542 | 252,827 | 3 | 909,187- | 12- | 1,162,014- | 15- |
| 09-11 | 8,204,556 | 820,215 | 10 | 874,842- | 11- | 1,695,057- | 21- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 10,785,872 | 500,221 | 5 | 524,905- | 5- | 1,025,126- | 10- |

DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 48,400,613 | 27,955,625 | 58 | | 0 | 27,955,625- | 58- |
| 2004 | 98,169,973 | 2,367,890 | 2 | | 0 | 2,367,890- | 2- |
| 2005 | 11,670,976 | 1,190,179 | 10 | | 0 | 1,190,179- | 10- |
| 2006 | 7,527,213 | 1,340,795 | 18 | 699,649 | 9 | 641,146- | 9- |
| 2007 | 15,347,875 | 1,562,678 | 10 | 1,006,988 | 7 | 555,690- | 4- |
| 2008 | 35,114,848 | 3,652,862 | 10 | 2,437,882 | 7 | 1,214,980- | 3- |
| 2009 | 19,564,187 | | 0 | 7,249,965- | 37- | 7,249,965- | 37- |
| 2010 | 25,210,878 | 1,815,666 | 7 | 686,924 | 3 | 1,128,741- | 4- |
| 2011 | 34,267,317 | 3,278,450 | 10 | 931,739 | 3 | 2,346,710- | 7- |
| TOTAL | 295,273,881 | 43,164,144 | 15 | 1,486,784- | 1- | 44,650,928- | 15- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 52,747,187 | 10,504,565 | 20 | | 0 | 10,504,565- | 20- |
| 04-06 | 39,122,721 | 1,632,955 | 4 | 233,216 | 1 | 1,399,738- | 4- |
| 05-07 | 11,515,355 | 1,364,551 | 12 | 568,879 | 5 | 795,672- | 7- |
| 06-08 | 19,329,979 | 2,185,445 | 11 | 1,381,506 | 7 | 803,939- | 4- |
| 07-09 | 23,342,303 | 1,738,513 | 7 | 1,268,365- | 5- | 3,006,879- | 13- |
| 08-10 | 26,629,971 | 1,822,842 | 7 | 1,375,053- | 5- | 3,197,896- | 12- |
| 09-11 | 26,347,461 | 1,698,038 | 6 | 1,877,101- | 7- | 3,575,139- | 14- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 25,901,021 | 2,061,931 | 8 | 437,286- | 2- | 2,499,218- | 10- |

DUKE ENERGY CAROLINAS

ACCOUNT 323 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 22,939,734 | 16,026,461 | 70 | | 0 | 16,026,461- | 70- |
| 2004 | 10,557,152 | 308,007 | 3 | | 0 | 308,007- | 3- |
| 2005 | 7,587,256 | 935,882 | 12 | | 0 | 935,882- | 12- |
| 2006 | 7,082,848 | 1,526,044 | 22 | 987,518 | 14 | 538,526- | 8- |
| 2007 | 10,544,205 | 1,298,573 | 12 | 1,037,722 | 10 | 260,851- | 2- |
| 2008 | 8,564,905 | 1,077,695 | 13 | 891,940 | 10 | 185,755- | 2- |
| 2009 | 16,804,579 | | 0 | 1,707,329- | 10- | 1,707,329- | 10- |
| 2010 | 14,638,737 | 507,722 | 3 | 197,428 | 1 | 310,294- | 2- |
| 2011 | 11,820,076 | 574,936 | 5 | 10,563- | 0 | 585,498- | 5- |
| TOTAL | 110,539,491 | 22,255,319 | 20 | 1,396,716 | 1 | 20,858,603- | 19- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 13,694,714 | 5,756,783 | 42 | | 0 | 5,756,783- | 42- |
| 04-06 | 8,409,085 | 923,311 | 11 | 329,173 | 4 | 594,138- | 7- |
| 05-07 | 8,404,770 | 1,253,500 | 15 | 675,080 | 8 | 578,420- | 7- |
| 06-08 | 8,730,653 | 1,300,771 | 15 | 972,393 | 11 | 328,377- | 4- |
| 07-09 | 11,971,230 | 792,089 | 7 | 74,111 | 1 | 717,978- | 6- |
| 08-10 | 13,336,073 | 528,472 | 4 | 205,987- | 2- | 734,459- | 6- |
| 09-11 | 14,421,130 | 360,886 | 3 | 506,821- | 4- | 867,707- | 6- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 12,474,500 | 691,785 | 6 | 81,840 | 1 | 609,945- | 5- |

DUKE ENERGY CAROLINAS

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 2,017,140 | 730,763 | 36 | | 0 | 730,763- | 36- |
| 2004 | 7,188,695 | 108,757 | 2 | | 0 | 108,757- | 2- |
| 2005 | 970,461- | 62,074- | 6 | | 0 | 62,074 | 6- |
| 2006 | 1,486,737 | 166,106 | 11 | 69,096 | 5 | 97,010- | 7- |
| 2007 | 4,306,631 | 275,031 | 6 | 141,281 | 3 | 133,750- | 3- |
| 2008 | 6,687,053 | 436,314 | 7 | 232,127 | 3 | 204,187- | 3- |
| 2009 | 1,865,496 | | 0 | 1,086,278- | 58- | 1,086,278- | 58- |
| 2010 | 2,993,582 | 326,276 | 11 | 170,083 | 6 | 156,192- | 5- |
| 2011 | 4,776,515 | 454,266 | 10 | 67,095 | 1 | 387,170- | 8- |
| TOTAL | 30,351,388 | 2,435,438 | 8 | 406,595- | 1- | 2,842,034- | 9- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,745,125 | 259,149 | 9 | | 0 | 259,149- | 9- |
| 04-06 | 2,568,324 | 70,930 | 3 | 23,032 | 1 | 47,898- | 2- |
| 05-07 | 1,607,636 | 126,354 | 8 | 70,126 | 4 | 56,229- | 3- |
| 06-08 | 4,160,140 | 292,484 | 7 | 147,501 | 4 | 144,982- | 3- |
| 07-09 | 4,286,393 | 237,115 | 6 | 237,623- | 6- | 474,738- | 11- |
| 08-10 | 3,848,710 | 254,197 | 7 | 228,022- | 6- | 482,219- | 13- |
| 09-11 | 3,211,864 | 260,180 | 8 | 283,033- | 9- | 543,214- | 17- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 4,125,855 | 298,377 | 7 | 95,138- | 2- | 393,515- | 10- |

DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 234,223 | 108,030- | 46- | | 0 | 108,030 | 46 |
| 2004 | 3,812,103 | 73,425- | 2- | | 0 | 73,425 | 2 |
| 2005 | | | | | | | |
| 2006 | 3,842 | 546- | 14- | | 0 | 546 | 14 |
| 2007 | 1,981,446 | 161,101- | 8- | | 0 | 161,101 | 8 |
| 2008 | 2,411,117 | 200,288- | 8- | | 0 | 200,288 | 8 |
| 2009 | 7,448 | | 0 | 1,048,047- | | 1,048,047- | |
| 2010 | 1,323,573 | 187,306 | 14 | 94,882 | 7 | 92,424- | 7- |
| 2011 | 2,325,751 | 104,080- | 4- | 16,877 | 1 | 120,957 | 5 |
| TOTAL | 12,099,503 | 460,164- | 4- | 936,288- | 8- | 476,124- | 4- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 1,348,775 | 60,485- | 4- | | 0 | 60,485 | 4 |
| 04-06 | 1,271,982 | 24,657- | 2- | | 0 | 24,657 | 2 |
| 05-07 | 661,763 | 53,882- | 8- | | 0 | 53,882 | 8 |
| 06-08 | 1,465,468 | 120,645- | 8- | | 0 | 120,645 | 8 |
| 07-09 | 1,466,670 | 120,463- | 8- | 349,349- | 24- | 228,886- | 16- |
| 08-10 | 1,247,379 | 4,327- | 0 | 317,722- | 25- | 313,394- | 25- |
| 09-11 | 1,218,924 | 27,742 | 2 | 312,096- | 26- | 339,838- | 28- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,609,867 | 55,633- | 3- | 187,258- | 12- | 131,625- | 8- |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 303,059 | 62,328 | 21 | | 0 | 62,328- | 21- |
| 2004 | 184,892 | 15,946 | 9 | | 0 | 15,946- | 9- |
| 2005 | 313,028 | 7,726 | 2 | | 0 | 7,726- | 2- |
| 2006 | 1,278,837 | 163,646 | 13 | | 0 | 163,646- | 13- |
| 2007 | 171,422 | 14,528 | 8 | | 0 | 14,528- | 8- |
| 2008 | 1,297,347 | 24,710 | 2 | | 0 | 24,710- | 2- |
| 2009 | 284,419 | 147,874- | 52- | 1,465 | 1 | 149,338 | 53 |
| 2010 | 8,567 | 414,441 | | 1,952- | 23- | 416,393- | |
| 2011 | 347,027 | 84,348 | 24 | 26,735- | 8- | 111,083- | 32- |
| TOTAL | 4,188,598 | 639,799 | 15 | 27,222- | 1- | 667,021- | 16- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 266,993 | 28,667 | 11 | | 0 | 28,667- | 11- |
| 04-06 | 592,252 | 62,439 | 11 | | 0 | 62,439- | 11- |
| 05-07 | 587,762 | 61,966 | 11 | | 0 | 61,966- | 11- |
| 06-08 | 915,869 | 67,628 | 7 | | 0 | 67,628- | 7- |
| 07-09 | 584,396 | 36,212- | 6- | 488 | 0 | 36,700 | 6 |
| 08-10 | 530,111 | 97,093 | 18 | 162- | 0 | 97,255- | 18- |
| 09-11 | 213,338 | 116,972 | 55 | 9,074- | 4- | 126,046- | 59- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 421,756 | 78,031 | 19 | 5,444- | 1- | 83,475- | 20- |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 103,164- | | 0 | | 0 | | 0 |
| 2004 | 134,432 | 30,145 | 22 | | 0 | 30,145- | 22- |
| 2005 | 396,929 | 25,470 | 6 | | 0 | 25,470- | 6- |
| 2006 | 39,286 | 13,071 | 33 | 77- | 0 | 13,147- | 33- |
| 2007 | 354,669 | 78,150 | 22 | 1,265- | 0 | 79,415- | 22- |
| 2008 | 11,769,707 | 582,851 | 5 | 42,452- | 0 | 625,304- | 5- |
| 2009 | | 4,334,295 | | 956- | | 4,335,251- | |
| 2010 | 62,429 | 3,187,338- | | 18,123 | 29 | 3,205,461 | |
| 2011 | 2,685 | 574,351 | | 5,648 | 210 | 568,703- | |
| TOTAL | 12,656,973 | 2,450,996 | 19 | 20,979- | 0 | 2,471,975- | 20- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 142,732 | 18,539 | 13 | | 0 | 18,539- | 13- |
| 04-06 | 190,216 | 22,895 | 12 | 26- | 0 | 22,921- | 12- |
| 05-07 | 263,628 | 38,897 | 15 | 447- | 0 | 39,344- | 15- |
| 06-08 | 4,054,554 | 224,691 | 6 | 14,598- | 0 | 239,289- | 6- |
| 07-09 | 4,041,459 | 1,665,099 | 41 | 14,891- | 0 | 1,679,990- | 42- |
| 08-10 | 3,944,045 | 576,603 | 15 | 8,429- | 0 | 585,031- | 15- |
| 09-11 | 21,705 | 573,769 | | 7,605 | 35 | 566,164- | |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 2,437,898 | 476,462 | 20 | 4,180- | 0 | 480,642- | 20- |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 1,305 | 590 | 45 | | 0 | 590- | 45- |
| 2004 | 2,826,734 | 536,356 | 19 | | 0 | 536,356- | 19- |
| 2005 | 5,506,025 | 298,956 | 5 | | 0 | 298,956- | 5- |
| 2006 | 369,116 | 103,914 | 28 | 1,439- | 0 | 105,353- | 29- |
| 2007 | 1,405,549 | 262,061 | 19 | 10,027- | 1- | 272,088- | 19- |
| 2008 | 7,094,740 | 297,288 | 4 | 51,180- | 1- | 348,469- | 5- |
| 2009 | 195,071 | 1,372,325 | 703 | 13,455- | 7- | 1,385,779- | 710- |
| 2010 | 24,261 | 748,843 | | 4,346- | 18- | 753,188- | |
| 2011 | 2,361,234 | 251,431 | 11 | 18,115 | 1 | 233,315- | 10- |
| TOTAL | 19,784,036 | 3,871,764 | 20 | 62,331- | 0 | 3,934,096- | 20- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,778,021 | 278,634 | 10 | | 0 | 278,634- | 10- |
| 04-06 | 2,900,625 | 313,076 | 11 | 480- | 0 | 313,555- | 11- |
| 05-07 | 2,426,897 | 221,644 | 9 | 3,822- | 0 | 225,466- | 9- |
| 06-08 | 2,956,468 | 221,088 | 7 | 20,882- | 1- | 241,970- | 8- |
| 07-09 | 2,898,453 | 643,891 | 22 | 24,887- | 1- | 668,779- | 23- |
| 08-10 | 2,438,024 | 806,152 | 33 | 22,994- | 1- | 829,145- | 34- |
| 09-11 | 860,189 | 790,866 | 92 | 105 | 0 | 790,761- | 92- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 2,216,171 | 586,389 | 26 | 12,178- | 1- | 598,568- | 27- |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 331,675 | 40,928 | 12 | | 0 | 40,928- | 12- |
| 2004 | 212,237 | 10,983 | 5 | | 0 | 10,983- | 5- |
| 2005 | 179,350 | 2,656 | 1 | | 0 | 2,656- | 1- |
| 2006 | 388,600 | 29,836 | 8 | 757- | 0 | 30,594- | 8- |
| 2007 | 11,812 | 601 | 5 | 42- | 0 | 643- | 5- |
| 2008 | 535,995 | 6,125 | 1 | 1,933- | 0 | 8,059- | 2- |
| 2009 | 95,637 | 658,886 | 689 | 6,378- | 7- | 665,264- | 696- |
| 2010 | 170,727 | 150,089 | 88 | 207 | 0 | 149,882- | 88- |
| 2011 | 772,159 | 460- | 0 | 5,055 | 1 | 5,514 | 1 |
| TOTAL | 2,698,192 | 899,644 | 33 | 3,849- | 0 | 903,493- | 33- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 241,087 | 18,189 | 8 | | 0 | 18,189- | 8- |
| 04-06 | 260,062 | 14,492 | 6 | 252- | 0 | 14,744- | 6- |
| 05-07 | 193,254 | 11,031 | 6 | 267- | 0 | 11,297- | 6- |
| 06-08 | 312,136 | 12,187 | 4 | 911- | 0 | 13,098- | 4- |
| 07-09 | 214,481 | 221,871 | 103 | 2,784- | 1- | 224,655- | 105- |
| 08-10 | 267,453 | 271,700 | 102 | 2,701- | 1- | 274,402- | 103- |
| 09-11 | 346,174 | 269,505 | 78 | 372- | 0 | 269,877- | 78- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 317,266 | 163,048 | 51 | 618- | 0 | 163,667- | 52- |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 47,178 | 4,851 | 10 | | 0 | 4,851- | 10- |
| 2004 | 1,000 | 43 | 4 | | 0 | 43- | 4- |
| 2005 | 79,427 | 980 | 1 | | 0 | 980- | 1- |
| 2006 | 1,210,123 | 77,427 | 6 | | 0 | 77,427- | 6- |
| 2007 | 67,432 | 2,857 | 4 | | 0 | 2,857- | 4- |
| 2008 | 256,855 | 2,446 | 1 | | 0 | 2,446- | 1- |
| 2009 | 435,026 | 10,542 | 2 | 142 | 0 | 10,400- | 2- |
| 2010 | 5,333 | 83,865 | | 131- | 2- | 83,996- | |
| 2011 | 418,264 | 46,291 | 11 | 11,073- | 3- | 57,364- | 14- |
| TOTAL | 2,520,638 | 229,303 | 9 | 11,062- | 0 | 240,364- | 10- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 42,535 | 1,958 | 5 | | 0 | 1,958- | 5- |
| 04-06 | 430,183 | 26,150 | 6 | | 0 | 26,150- | 6- |
| 05-07 | 452,327 | 27,088 | 6 | | 0 | 27,088- | 6- |
| 06-08 | 511,470 | 27,577 | 5 | | 0 | 27,577- | 5- |
| 07-09 | 253,104 | 5,282 | 2 | 47 | 0 | 5,234- | 2- |
| 08-10 | 232,405 | 32,284 | 14 | 4 | 0 | 32,281- | 14- |
| 09-11 | 286,208 | 46,899 | 16 | 3,687- | 1- | 50,587- | 18- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 236,582 | 29,200 | 12 | 2,212- | 1- | 31,413- | 13- |

DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 9,881 | | 0 | | 0 | | 0 |
| 2004 | | | | | | | |
| 2005 | | | | | | | |
| 2006 | | | | | | | |
| 2007 | | | | | | | |
| 2008 | 125,396 | | 0 | | 0 | | 0 |
| 2009 | 1,289 | 12,627- | 980- | 95 | 7 | 12,721 | 987 |
| 2010 | 2,773 | 9,175 | 331 | 40- | 1- | 9,216- | 332- |
| 2011 | | 4,170 | | 568- | | 4,738- | |
| TOTAL | 139,339 | 718 | 1 | 514- | 0 | 1,232- | 1- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 3,294 | | 0 | | 0 | | 0 |
| 04-06 | | | | | | | |
| 05-07 | | | | | | | |
| 06-08 | 41,799 | | 0 | | 0 | | 0 |
| 07-09 | 42,228 | 4,209- | 10- | 32 | 0 | 4,240 | 10 |
| 08-10 | 43,153 | 1,150- | 3- | 18 | 0 | 1,169 | 3 |
| 09-11 | 1,354 | 239 | 18 | 171- | 13- | 411- | 30- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 25,892 | 144 | 1 | 103- | 0 | 246- | 1- |

DUKE ENERGY CAROLINAS

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2004 | 84,115 | | 0 | | 0 | | 0 |
| 2005 | | | | | | | |
| 2006 | | | | | | | |
| 2007 | | | | | | | |
| 2008 | 59,043 | | 0 | | 0 | | 0 |
| 2009 | | 40,626 | | 255,319 | | 214,693 | |
| 2010 | | 1,003- | | 392,186- | | 391,183- | |
| 2011 | | 34,965- | | 26,008 | | 60,973 | |
| TOTAL | 143,158 | 4,659 | 3 | 110,858- | 77- | 115,517- | 81- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 04-06 | 28,038 | | 0 | | 0 | | 0 |
| 05-07 | | | | | | | |
| 06-08 | 19,681 | | 0 | | 0 | | 0 |
| 07-09 | 19,681 | 13,542 | 69 | 85,106 | 432 | 71,564 | 364 |
| 08-10 | 19,681 | 13,208 | 67 | 45,622- | 232- | 58,830- | 299- |
| 09-11 | | 1,553 | | 36,953- | | 38,506- | |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 11,809 | 932 | 8 | 22,172- | 188- | 23,103- | 196- |

DUKE ENERGY CAROLINAS

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2007 | | 73,462- | | | | 73,462 | |
| 2008 | 678,087 | 28,935- | 4- | | 0 | 28,935 | 4 |
| 2009 | | 22,024 | | 138,532 | | 116,508 | |
| 2010 | | 2,371 | | 217,540- | | 219,912- | |
| 2011 | | 17,800- | | | | 17,800 | |
| TOTAL | 678,087 | 95,801- | 14- | 79,008- | 12- | 16,793 | 2 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 07-09 | 226,029 | 26,791- | 12- | 46,177 | 20 | 72,968 | 32 |
| 08-10 | 226,029 | 1,513- | 1- | 26,336- | 12- | 24,823- | 11- |
| 09-11 | | 2,199 | | 26,336- | | 28,535- | |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 135,617 | 19,160- | 14- | 15,802- | 12- | 3,359 | 2 |

DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 303,883 | 467,376 | 154 | | 0 | 467,376- | 154- |
| 2004 | | | | | | | |
| 2005 | | | | | | | |
| 2006 | | | | | | | |
| 2007 | | 906,796- | | | | 906,796 | |
| 2008 | 6,438,583 | 357,167- | 6- | | 0 | 357,167 | 6 |
| 2009 | | 379,744 | | 2,661,784 | | 2,282,040 | |
| 2010 | | 579,825 | | 2,499,468 | | 1,919,643 | |
| 2011 | 597,868 | 309,647- | 52- | 263,960 | 44 | 573,607 | 96 |
| TOTAL | 7,340,334 | 146,666- | 2- | 5,425,211 | 74 | 5,571,877 | 76 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 101,294 | 155,792 | 154 | | 0 | 155,792- | 154- |
| 04-06 | | | | | | | |
| 05-07 | | 302,265- | | | | 302,265 | |
| 06-08 | 2,146,194 | 421,321- | 20- | | 0 | 421,321 | 20 |
| 07-09 | 2,146,194 | 294,740- | 14- | 887,261 | 41 | 1,182,001 | 55 |
| 08-10 | 2,146,194 | 200,801 | 9 | 1,720,417 | 80 | 1,519,617 | 71 |
| 09-11 | 199,289 | 216,641 | 109 | 1,808,404 | 907 | 1,591,763 | 799 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,407,290 | 122,808- | 9- | 1,085,042 | 77 | 1,207,851 | 86 |

DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 26,297 | 40,445 | 154 | | 0 | 40,445- | 154- |
| 2004 | 4,554 | | 0 | | 0 | | 0 |
| 2005 | 5,003 | | 0 | | 0 | | 0 |
| 2006 | | | | | | | |
| 2007 | | 1,267,624- | | | | 1,267,624 | |
| 2008 | 9,000,593 | 499,289- | 6- | | 0 | 499,289 | 6 |
| 2009 | 2,678,372 | 247,324 | 9 | 268,645 | 10 | 21,321 | 1 |
| 2010 | 6,286,291 | 463,489 | 7 | 10,789,548 | 172 | 10,326,059 | 164 |
| 2011 | 336,428 | 426,012 | 127 | 11,988,782 | | 11,562,770 | |
| TOTAL | 18,337,538 | 589,644- | 3- | 23,046,974 | 126 | 23,636,618 | 129 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 11,951 | 13,482 | 113 | | 0 | 13,482- | 113- |
| 04-06 | 3,186 | | 0 | | 0 | | 0 |
| 05-07 | 1,668 | 422,541- | | | 0 | 422,541 | |
| 06-08 | 3,000,198 | 588,971- | 20- | | 0 | 588,971 | 20 |
| 07-09 | 3,892,988 | 506,530- | 13- | 89,548 | 2 | 596,078 | 15 |
| 08-10 | 5,988,419 | 70,508 | 1 | 3,686,064 | 62 | 3,615,556 | 60 |
| 09-11 | 3,100,364 | 378,941 | 12 | 7,682,325 | 248 | 7,303,383 | 236 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 3,660,337 | 126,018- | 3- | 4,609,395 | 126 | 4,735,413 | 129 |

DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2007 | | 146,770- | | | | 146,770 | |
| 2008 | 2,257,924 | 57,809- | 3- | | 0 | 57,809 | 3 |
| 2009 | 107,677 | 39,677 | 37 | 301,097 | 280 | 261,420 | 243 |
| 2010 | | 3 | | 384,612- | | 384,614- | |
| 2011 | 34,008 | 29,174- | 86- | 45,027 | 132 | 74,201 | 218 |
| TOTAL | 2,399,609 | 194,074- | 8- | 38,487- | 2- | 155,587 | 6 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 07-09 | 788,534 | 54,968- | 7- | 100,366 | 13 | 155,333 | 20 |
| 08-10 | 788,534 | 6,043- | 1- | 27,838- | 4- | 21,795- | 3- |
| 09-11 | 47,228 | 3,502 | 7 | 12,829- | 27- | 16,331- | 35- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 479,922 | 38,815- | 8- | 7,697- | 2- | 31,117 | 6 |

DUKE ENERGY CAROLINAS

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 111,503 | | 0 | | 0 | | 0 |
| 2004 | 18,347 | | 0 | | 0 | | 0 |
| 2005 | | | | | | | |
| 2006 | | | | | | | |
| 2007 | | | | | | | |
| 2008 | 27,500 | | 0 | | 0 | | 0 |
| 2009 | | 3,567 | | 19,268 | | 15,701 | |
| 2010 | | 2,400 | | 28,010- | | 30,411- | |
| 2011 | 34,179 | 2,896- | 8- | 1,270 | 4 | 4,166 | 12 |
| TOTAL | 191,529 | 3,071 | 2 | 7,473- | 4- | 10,544- | 6- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 43,283 | | 0 | | 0 | | 0 |
| 04-06 | 6,116 | | 0 | | 0 | | 0 |
| 05-07 | | | | | | | |
| 06-08 | 9,167 | | 0 | | 0 | | 0 |
| 07-09 | 9,167 | 1,189 | 13 | 6,423 | 70 | 5,234 | 57 |
| 08-10 | 9,167 | 1,989 | 22 | 2,914- | 32- | 4,903- | 53- |
| 09-11 | 11,393 | 1,024 | 9 | 2,491- | 22- | 3,515- | 31- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 12,336 | 614 | 5 | 1,495- | 12- | 2,109- | 17- |

DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 1,000 | 82 | 8 | | 0 | 82- | 8- |
| 2004 | 3,603 | 297 | 8 | | 0 | 297- | 8- |
| 2005 | 11,718 | 636 | 5 | | 0 | 636- | 5- |
| 2006 | 39,841 | 1,313 | 3 | | 0 | 1,313- | 3- |
| 2007 | 11,011 | 3,010 | 27 | | 0 | 3,010- | 27- |
| 2008 | 107,467 | 16,411 | 15 | | 0 | 16,411- | 15- |
| 2009 | 6,980 | 68,837 | 986 | 4,598 | 66 | 64,239- | 920- |
| 2010 | 3,037 | 65,446 | | 3,287 | 108 | 62,160- | |
| 2011 | 61,386 | 12,808- | 21- | 30,949 | 50 | 43,756 | 71 |
| TOTAL | 246,043 | 143,224 | 58 | 38,834 | 16 | 104,391- | 42- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 5,440 | 338 | 6 | | 0 | 338- | 6- |
| 04-06 | 18,387 | 748 | 4 | | 0 | 748- | 4- |
| 05-07 | 20,857 | 1,653 | 8 | | 0 | 1,653- | 8- |
| 06-08 | 52,773 | 6,911 | 13 | | 0 | 6,911- | 13- |
| 07-09 | 41,819 | 29,420 | 70 | 1,533 | 4 | 27,887- | 67- |
| 08-10 | 39,161 | 50,232 | 128 | 2,628 | 7 | 47,603- | 122- |
| 09-11 | 23,801 | 40,492 | 170 | 12,945 | 54 | 27,548- | 116- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 37,976 | 28,179 | 74 | 7,767 | 20 | 20,413- | 54- |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 17,738,212 | 3,490,008 | 20 | 117 | 0 | 3,489,890- | 20- |
| 2004 | 17,047,459 | 3,367,097 | 20 | 85,631 | 1 | 3,281,466- | 19- |
| 2005 | 10,262,025 | 1,335,945 | 13 | 131,866 | 1 | 1,204,079- | 12- |
| 2006 | 9,693,772 | 766,651 | 8 | 145,690 | 2 | 620,960- | 6- |
| 2007 | 6,113,465 | 4,010,307 | 66 | 158,705 | 3 | 3,851,602- | 63- |
| 2008 | 9,963,335 | 3,651,642 | 37 | 313,290 | 3 | 3,338,352- | 34- |
| 2009 | 5,043,136 | 2,943,549 | 58 | 133,577 | 3 | 2,809,972- | 56- |
| 2010 | 2,707,581 | 2,026,000 | 75 | 68,365 | 3 | 1,957,634- | 72- |
| 2011 | 7,368,809 | 5,459,514 | 74 | 710,107 | 10 | 4,749,407- | 64- |
| TOTAL | 85,937,793 | 27,050,712 | 31 | 1,747,349 | 2 | 25,303,363- | 29- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 15,015,899 | 2,731,016 | 18 | 72,538 | 0 | 2,658,478- | 18- |
| 04-06 | 12,334,419 | 1,823,231 | 15 | 121,063 | 1 | 1,702,168- | 14- |
| 05-07 | 8,689,754 | 2,037,634 | 23 | 145,420 | 2 | 1,892,214- | 22- |
| 06-08 | 8,590,191 | 2,809,533 | 33 | 205,895 | 2 | 2,603,638- | 30- |
| 07-09 | 7,039,979 | 3,535,166 | 50 | 201,857 | 3 | 3,333,309- | 47- |
| 08-10 | 5,904,684 | 2,873,730 | 49 | 171,744 | 3 | 2,701,986- | 46- |
| 09-11 | 5,039,842 | 3,476,354 | 69 | 304,016 | 6 | 3,172,338- | 63- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 6,239,265 | 3,618,202 | 58 | 276,809 | 4 | 3,341,394- | 54- |

DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 2,377,063 | 974,352 | 41 | | 0 | 974,352- | 41- |
| 2004 | 1,436,943 | 591,281 | 41 | | 0 | 591,281- | 41- |
| 2005 | 1,753,085 | 475,464 | 27 | | 0 | 475,464- | 27- |
| 2006 | 7,838,052 | 1,291,432 | 16 | | 0 | 1,291,432- | 16- |
| 2007 | 776,734 | 1,061,503 | 137 | | 0 | 1,061,503- | 137- |
| 2008 | 539,903 | 412,247 | 76 | | 0 | 412,247- | 76- |
| 2009 | 2,190,818 | 1,591,533 | 73 | 77,106 | 4 | 1,514,428- | 69- |
| 2010 | 630,757 | 1,021,189 | 162 | 43,418 | 7 | 977,771- | 155- |
| 2011 | 1,203,566 | 392,694- | 33- | 266,301 | 22 | 658,996 | 55 |
| TOTAL | 18,746,921 | 7,026,308 | 37 | 386,825 | 2 | 6,639,483- | 35- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 1,855,697 | 680,366 | 37 | | 0 | 680,366- | 37- |
| 04-06 | 3,676,027 | 786,059 | 21 | | 0 | 786,059- | 21- |
| 05-07 | 3,455,957 | 942,800 | 27 | | 0 | 942,800- | 27- |
| 06-08 | 3,051,563 | 921,728 | 30 | | 0 | 921,728- | 30- |
| 07-09 | 1,169,152 | 1,021,761 | 87 | 25,702 | 2 | 996,059- | 85- |
| 08-10 | 1,120,493 | 1,008,323 | 90 | 40,175 | 4 | 968,149- | 86- |
| 09-11 | 1,341,714 | 740,009 | 55 | 128,942 | 10 | 611,068- | 46- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,068,356 | 738,756 | 69 | 77,365 | 7 | 661,391- | 62- |

DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 1,021,386 | 569,382 | 56 | 14 | 0 | 569,369- | 56- |
| 2004 | 655,416 | 366,784 | 56 | 6,584 | 1 | 360,200- | 55- |
| 2005 | 744,067 | 274,451 | 37 | 19,122 | 3 | 255,329- | 34- |
| 2006 | 578,031 | 129,525 | 22 | 17,375 | 3 | 112,150- | 19- |
| 2007 | 335,674 | 623,886 | 186 | 17,428 | 5 | 606,458- | 181- |
| 2008 | 592,061 | 614,819 | 104 | 37,234 | 6 | 577,586- | 98- |
| 2009 | 926,748 | 349,097 | 38 | 29,605 | 3 | 319,492- | 34- |
| 2010 | 1,967,587 | 365,520 | 19 | 20,461 | 1 | 345,059- | 18- |
| 2011 | 2,616,993 | 117,241- | 4- | 180,615 | 7 | 297,856 | 11 |
| TOTAL | 9,437,963 | 3,176,225 | 34 | 328,438 | 3 | 2,847,787- | 30- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 806,956 | 403,539 | 50 | 8,573 | 1 | 394,966- | 49- |
| 04-06 | 659,171 | 256,920 | 39 | 14,361 | 2 | 242,560- | 37- |
| 05-07 | 552,591 | 342,621 | 62 | 17,975 | 3 | 324,646- | 59- |
| 06-08 | 501,922 | 456,077 | 91 | 24,012 | 5 | 432,065- | 86- |
| 07-09 | 618,161 | 529,268 | 86 | 28,089 | 5 | 501,179- | 81- |
| 08-10 | 1,162,132 | 443,145 | 38 | 29,100 | 3 | 414,045- | 36- |
| 09-11 | 1,837,109 | 199,125 | 11 | 76,894 | 4 | 122,232- | 7- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,287,813 | 367,216 | 29 | 57,069 | 4 | 310,148- | 24- |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 4,156,930 | 1,635,759 | 39 | 55 | 0 | 1,635,704- | 39- |
| 2004 | 2,859,739 | 1,129,672 | 40 | 28,730 | 1 | 1,100,942- | 38- |
| 2005 | 1,704,855 | 443,888 | 26 | 43,814 | 3 | 400,073- | 23- |
| 2006 | 6,729,653 | 1,064,455 | 16 | 202,284 | 3 | 862,171- | 13- |
| 2007 | 709,287 | 930,555 | 131 | 36,826 | 5 | 893,729- | 126- |
| 2008 | 1,056,029 | 774,086 | 73 | 66,412 | 6 | 707,674- | 67- |
| 2009 | 2,446,335 | 1,433,985 | 59 | 68,779 | 3 | 1,365,207- | 56- |
| 2010 | 1,087,544 | 959,097 | 88 | 39,148 | 4 | 919,948- | 85- |
| 2011 | 985,619 | 1,492,900 | 151 | 241,878 | 25 | 1,251,022- | 127- |
| TOTAL | 21,735,991 | 9,864,397 | 45 | 727,926 | 3 | 9,136,471- | 42- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,907,175 | 1,069,773 | 37 | 24,200 | 1 | 1,045,573- | 36- |
| 04-06 | 3,764,749 | 879,338 | 23 | 91,609 | 2 | 787,729- | 21- |
| 05-07 | 3,047,932 | 812,966 | 27 | 94,308 | 3 | 718,658- | 24- |
| 06-08 | 2,831,656 | 923,032 | 33 | 101,841 | 4 | 821,192- | 29- |
| 07-09 | 1,403,884 | 1,046,209 | 75 | 57,339 | 4 | 988,870- | 70- |
| 08-10 | 1,529,969 | 1,055,723 | 69 | 58,113 | 4 | 997,610- | 65- |
| 09-11 | 1,506,499 | 1,295,327 | 86 | 116,602 | 8 | 1,178,726- | 78- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,256,963 | 1,118,125 | 89 | 90,609 | 7 | 1,027,516- | 82- |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 21,458 | 1,851 | 9 | | 0 | 1,851- | 9- |
| 2004 | 73,485 | 5,720 | 8 | | 0 | 5,720- | 8- |
| 2005 | 48,998 | 5,652 | 12 | | 0 | 5,652- | 12- |
| 2006 | 66,127 | 7,472 | 11 | | 0 | 7,472- | 11- |
| 2007 | 49,493 | 6,675 | 13 | | 0 | 6,675- | 13- |
| 2008 | 94,574 | 6,025 | 6 | | 0 | 6,025- | 6- |
| 2009 | 84,704 | 7,327 | 9 | 7,196- | 8- | 14,523- | 17- |
| 2010 | 2,024 | 21,764 | | 19,943 | 985 | 1,822- | 90- |
| 2011 | 2,394 | 122,550 | | 123,270 | | 721 | 30 |
| TOTAL | 443,257 | 185,036 | 42 | 136,017 | 31 | 49,019- | 11- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 47,980 | 4,408 | 9 | | 0 | 4,408- | 9- |
| 04-06 | 62,870 | 6,281 | 10 | | 0 | 6,281- | 10- |
| 05-07 | 54,873 | 6,600 | 12 | | 0 | 6,600- | 12- |
| 06-08 | 70,065 | 6,724 | 10 | | 0 | 6,724- | 10- |
| 07-09 | 76,257 | 6,676 | 9 | 2,399- | 3- | 9,074- | 12- |
| 08-10 | 60,434 | 11,706 | 19 | 4,249 | 7 | 7,457- | 12- |
| 09-11 | 29,707 | 50,547 | 170 | 45,339 | 153 | 5,208- | 18- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 46,638 | 32,868 | 70 | 27,203 | 58 | 5,665- | 12- |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 20,027,684 | 4,145,847 | 21 | 1- | 0 | 4,145,848- | 21- |
| 2004 | 7,994,636 | 1,493,608 | 19 | | 0 | 1,493,608- | 19- |
| 2005 | 9,806,217 | 2,714,558 | 28 | | 0 | 2,714,558- | 28- |
| 2006 | 8,349,780 | 2,264,423 | 27 | | 0 | 2,264,423- | 27- |
| 2007 | 4,761,592 | 1,541,339 | 32 | | 0 | 1,541,339- | 32- |
| 2008 | 16,897,493 | 2,583,667 | 15 | | 0 | 2,583,667- | 15- |
| 2009 | 11,163,479 | 292,905 | 3 | 152,259- | 1- | 445,164- | 4- |
| 2010 | 2,902,404 | 565,722 | 19 | 571,328 | 20 | 5,607 | 0 |
| 2011 | 1,381,251 | 3,682,644 | 267 | 1,714,617 | 124 | 1,968,027- | 142- |
| TOTAL | 83,284,536 | 19,284,712 | 23 | 2,133,685 | 3 | 17,151,027- | 21- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 12,609,512 | 2,784,671 | 22 | | 0 | 2,784,671- | 22- |
| 04-06 | 8,716,878 | 2,157,530 | 25 | | 0 | 2,157,530- | 25- |
| 05-07 | 7,639,196 | 2,173,440 | 28 | | 0 | 2,173,440- | 28- |
| 06-08 | 10,002,955 | 2,129,810 | 21 | | 0 | 2,129,810- | 21- |
| 07-09 | 10,940,855 | 1,472,637 | 13 | 50,753- | 0 | 1,523,390- | 14- |
| 08-10 | 10,321,125 | 1,147,431 | 11 | 139,690 | 1 | 1,007,742- | 10- |
| 09-11 | 5,149,045 | 1,513,757 | 29 | 711,229 | 14 | 802,528- | 16- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 7,421,244 | 1,733,255 | 23 | 426,737 | 6 | 1,306,518- | 18- |

DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 1,331,023 | 665,863 | 50 | | 0 | 665,863- | 50- |
| 2004 | 2,368,131 | 1,069,204 | 45 | | 0 | 1,069,204- | 45- |
| 2005 | 2,879,532 | 1,926,355 | 67 | | 0 | 1,926,355- | 67- |
| 2006 | 2,832,395 | 1,856,321 | 66 | | 0 | 1,856,321- | 66- |
| 2007 | 2,788,234 | 2,181,182 | 78 | | 0 | 2,181,182- | 78- |
| 2008 | 4,462,619 | 1,649,001 | 37 | | 0 | 1,649,001- | 37- |
| 2009 | 4,737,593 | 554,446 | 12 | 402,797- | 9- | 957,243- | 20- |
| 2010 | 3,741,970 | 1,252,183 | 33 | 1,999,979 | 53 | 747,796 | 20 |
| 2011 | 6,645,238 | 477,432 | 7 | 2,671,647 | 40 | 2,194,215 | 33 |
| TOTAL | 31,786,735 | 11,631,987 | 37 | 4,268,829 | 13 | 7,363,158- | 23- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,192,895 | 1,220,474 | 56 | | 0 | 1,220,474- | 56- |
| 04-06 | 2,693,353 | 1,617,293 | 60 | | 0 | 1,617,293- | 60- |
| 05-07 | 2,833,387 | 1,987,953 | 70 | | 0 | 1,987,953- | 70- |
| 06-08 | 3,361,083 | 1,895,501 | 56 | | 0 | 1,895,501- | 56- |
| 07-09 | 3,996,149 | 1,461,543 | 37 | 134,266- | 3- | 1,595,809- | 40- |
| 08-10 | 4,314,061 | 1,151,877 | 27 | 532,394 | 12 | 619,483- | 14- |
| 09-11 | 5,041,600 | 761,354 | 15 | 1,422,943 | 28 | 661,589 | 13 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 4,475,131 | 1,222,849 | 27 | 853,766 | 19 | 369,083- | 8- |

DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 5,070,714 | 2,099,334 | 41 | | 0 | 2,099,334- | 41- |
| 2004 | 10,305,922 | 3,850,834 | 37 | | 0 | 3,850,834- | 37- |
| 2005 | 6,996,439 | 3,873,510 | 55 | | 0 | 3,873,510- | 55- |
| 2006 | 10,599,605 | 5,749,131 | 54 | | 0 | 5,749,131- | 54- |
| 2007 | 6,667,242 | 4,316,405 | 65 | | 0 | 4,316,405- | 65- |
| 2008 | 10,197,963 | 3,118,586 | 31 | | 0 | 3,118,586- | 31- |
| 2009 | 6,698,087 | 349,059 | 5 | 481,684- | 7- | 830,743- | 12- |
| 2010 | 3,724,537 | 1,651,318 | 44 | 2,722,045 | 73 | 1,070,727 | 29 |
| 2011 | 16,571,400 | 661,509 | 4 | 2,661,926 | 16 | 2,000,418 | 12 |
| TOTAL | 76,831,908 | 25,669,685 | 33 | 4,902,288 | 6 | 20,767,397- | 27- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 7,457,692 | 3,274,559 | 44 | | 0 | 3,274,559- | 44- |
| 04-06 | 9,300,655 | 4,491,158 | 48 | | 0 | 4,491,158- | 48- |
| 05-07 | 8,087,762 | 4,646,348 | 57 | | 0 | 4,646,348- | 57- |
| 06-08 | 9,154,937 | 4,394,707 | 48 | | 0 | 4,394,707- | 48- |
| 07-09 | 7,854,431 | 2,594,683 | 33 | 160,561- | 2- | 2,755,245- | 35- |
| 08-10 | 6,873,529 | 1,706,321 | 25 | 746,787 | 11 | 959,534- | 14- |
| 09-11 | 8,998,008 | 887,295 | 10 | 1,634,096 | 18 | 746,801 | 8 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 8,771,846 | 2,019,375 | 23 | 980,458 | 11 | 1,038,918- | 12- |

DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 36,368 | 6,274 | 17 | | 0 | 6,274- | 17- |
| 2004 | 9,551 | 1,487 | 16 | | 0 | 1,487- | 16- |
| 2005 | 5,606 | 1,293 | 23 | | 0 | 1,293- | 23- |
| 2006 | 18,038 | 4,077 | 23 | | 0 | 4,077- | 23- |
| 2007 | 20,005 | 5,396 | 27 | | 0 | 5,396- | 27- |
| 2008 | 3,856 | 491 | 13 | | 0 | 491- | 13- |
| 2009 | 2,142 | 83,954 | | 21,845- | | 105,800- | |
| 2010 | 8,738 | 134,840 | | 121,635 | | 13,204- | 151- |
| 2011 | 21,750 | 310,385 | | 358,464 | | 48,078 | 221 |
| TOTAL | 126,054 | 548,197 | 435 | 458,254 | 364 | 89,944- | 71- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 17,175 | 3,018 | 18 | | 0 | 3,018- | 18- |
| 04-06 | 11,065 | 2,286 | 21 | | 0 | 2,286- | 21- |
| 05-07 | 14,550 | 3,589 | 25 | | 0 | 3,589- | 25- |
| 06-08 | 13,966 | 3,321 | 24 | | 0 | 3,321- | 24- |
| 07-09 | 8,668 | 29,947 | 346 | 7,282- | 84- | 37,229- | 430- |
| 08-10 | 4,912 | 73,095 | | 33,263 | 677 | 39,832- | 811- |
| 09-11 | 10,877 | 176,393 | | 152,751 | | 23,642- | 217- |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 11,298 | 107,013 | 947 | 91,651 | 811 | 15,363- | 136- |

DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 1,093,775 | 320,759 | 29 | | 0 | 320,759- | 29- |
| 2004 | 659,213 | 174,474 | 26 | | 0 | 174,474- | 26- |
| 2005 | 683,051 | 267,867 | 39 | | 0 | 267,867- | 39- |
| 2006 | 1,160,549 | 445,876 | 38 | | 0 | 445,876- | 38- |
| 2007 | 1,020,159 | 467,823 | 46 | | 0 | 467,823- | 46- |
| 2008 | 1,215,683 | 263,331 | 22 | | 0 | 263,331- | 22- |
| 2009 | 877,599 | 168,709 | 19 | 411,354- | 47- | 580,063- | 66- |
| 2010 | 1,021,105 | 1,295,851 | 127 | 2,192,152 | 215 | 896,301 | 88 |
| 2011 | 1,825,721 | 445,988 | 24 | 2,266,370 | 124 | 1,820,382 | 100 |
| TOTAL | 9,556,855 | 3,850,676 | 40 | 4,047,168 | 42 | 196,492 | 2 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 812,013 | 254,366 | 31 | | 0 | 254,366- | 31- |
| 04-06 | 834,271 | 296,072 | 35 | | 0 | 296,072- | 35- |
| 05-07 | 954,586 | 393,855 | 41 | | 0 | 393,855- | 41- |
| 06-08 | 1,132,130 | 392,343 | 35 | | 0 | 392,343- | 35- |
| 07-09 | 1,037,814 | 299,954 | 29 | 137,118- | 13- | 437,072- | 42- |
| 08-10 | 1,038,129 | 575,963 | 55 | 593,599 | 57 | 17,636 | 2 |
| 09-11 | 1,241,475 | 636,849 | 51 | 1,349,056 | 109 | 712,207 | 57 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 1,192,053 | 528,340 | 44 | 809,434 | 68 | 281,093 | 24 |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 7,969,730 | 137,482 | 2 | | 0 | 137,482- | 2- |
| 2004 | 11,929,072 | 185,722 | 2 | | 0 | 185,722- | 2- |
| 2005 | 10,198,378 | 235,260 | 2 | | 0 | 235,260- | 2- |
| 2006 | 14,290,150 | 322,952 | 2 | | 0 | 322,952- | 2- |
| 2007 | 12,096,520 | 326,306 | 3 | | 0 | 326,306- | 3- |
| 2008 | 16,109,463 | 205,265 | 1 | | 0 | 205,265- | 1- |
| 2009 | 10,908,481 | 49,741 | 0 | 794,319- | 7- | 844,060- | 8- |
| 2010 | 6,956,478 | 1,019,723 | 15 | 2,046,514 | 29 | 1,026,791 | 15 |
| 2011 | 5,300,886 | 395,121 | 7 | 2,034,550 | 38 | 1,639,429 | 31 |
| TOTAL | 95,759,158 | 2,877,571 | 3 | 3,286,745 | 3 | 409,174 | 0 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 10,032,393 | 186,154 | 2 | | 0 | 186,154- | 2- |
| 04-06 | 12,139,200 | 247,978 | 2 | | 0 | 247,978- | 2- |
| 05-07 | 12,195,016 | 294,839 | 2 | | 0 | 294,839- | 2- |
| 06-08 | 14,165,378 | 284,841 | 2 | | 0 | 284,841- | 2- |
| 07-09 | 13,038,155 | 193,770 | 1 | 264,773- | 2- | 458,543- | 4- |
| 08-10 | 11,324,807 | 424,909 | 4 | 417,398 | 4 | 7,511- | 0 |
| 09-11 | 7,721,948 | 488,195 | 6 | 1,095,582 | 14 | 607,387 | 8 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 10,274,366 | 399,231 | 4 | 657,349 | 6 | 258,118 | 3 |

DUKE ENERGY CAROLINAS

ACCOUNT 369 SERVICES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 90,220 | 46,690 | 52 | | 0 | 46,690- | 52- |
| 2004 | 342,544 | 159,991 | 47 | | 0 | 159,991- | 47- |
| 2005 | 312,331 | 216,149 | 69 | | 0 | 216,149- | 69- |
| 2006 | 261,406 | 177,230 | 68 | | 0 | 177,230- | 68- |
| 2007 | 1,322,804 | 1,070,487 | 81 | | 0 | 1,070,487- | 81- |
| 2008 | 476,032 | 181,966 | 38 | | 0 | 181,966- | 38- |
| 2009 | 271,595 | 393,006 | 145 | 102,177- | 38- | 495,184- | 182- |
| 2010 | 444,052 | 1,034,079 | 233 | 1,552,837 | 350 | 518,758 | 117 |
| 2011 | 1,109,251 | 306,939 | 28 | 1,655,766 | 149 | 1,348,827 | 122 |
| TOTAL | 4,630,235 | 3,586,537 | 77 | 3,106,426 | 67 | 480,111- | 10- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 248,365 | 140,943 | 57 | | 0 | 140,943- | 57- |
| 04-06 | 305,427 | 184,457 | 60 | | 0 | 184,457- | 60- |
| 05-07 | 632,180 | 487,955 | 77 | | 0 | 487,955- | 77- |
| 06-08 | 686,747 | 476,561 | 69 | | 0 | 476,561- | 69- |
| 07-09 | 690,144 | 548,487 | 79 | 34,059- | 5- | 582,546- | 84- |
| 08-10 | 397,226 | 536,350 | 135 | 483,553 | 122 | 52,797- | 13- |
| 09-11 | 608,299 | 578,008 | 95 | 1,035,475 | 170 | 457,467 | 75 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 724,747 | 597,295 | 82 | 621,285 | 86 | 23,990 | 3 |

DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 32,147,475 | 554,559 | 2 | | 0 | 554,559- | 2- |
| 2004 | 50,297,376 | 783,073 | 2 | | 0 | 783,073- | 2- |
| 2005 | 18,289,821 | 421,916 | 2 | | 0 | 421,916- | 2- |
| 2006 | 13,256,900 | 299,601 | 2 | | 0 | 299,601- | 2- |
| 2007 | 13,317,769 | 359,250 | 3 | | 0 | 359,250- | 3- |
| 2008 | 10,606,021 | 135,141 | 1 | | 0 | 135,141- | 1- |
| 2009 | 16,145,544 | 119,646 | 1 | 82,615- | 1- | 202,261- | 1- |
| 2010 | 10,030,243 | 346,014 | 3 | 931,934 | 9 | 585,920 | 6 |
| 2011 | 10,049,842 | 115,211 | 1 | 635,526 | 6 | 520,315 | 5 |
| TOTAL | 174,140,991 | 3,134,410 | 2 | 1,484,845 | 1 | 1,649,565- | 1- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 33,578,224 | 586,516 | 2 | | 0 | 586,516- | 2- |
| 04-06 | 27,281,366 | 501,530 | 2 | | 0 | 501,530- | 2- |
| 05-07 | 14,954,830 | 360,255 | 2 | | 0 | 360,255- | 2- |
| 06-08 | 12,393,563 | 264,664 | 2 | | 0 | 264,664- | 2- |
| 07-09 | 13,356,445 | 204,679 | 2 | 27,538- | 0 | 232,217- | 2- |
| 08-10 | 12,260,602 | 200,267 | 2 | 283,106 | 2 | 82,839 | 1 |
| 09-11 | 12,075,210 | 193,624 | 2 | 494,948 | 4 | 301,325 | 2 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 12,029,884 | 215,052 | 2 | 296,969 | 2 | 81,917 | 1 |

DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 2,869,014 | 247,459 | 9 | | 0 | 247,459- | 9- |
| 2004 | 2,570,651 | 200,110 | 8 | | 0 | 200,110- | 8- |
| 2005 | 3,831,895 | 441,977 | 12 | | 0 | 441,977- | 12- |
| 2006 | 3,669,212 | 414,614 | 11 | | 0 | 414,614- | 11- |
| 2007 | 3,593,955 | 484,738 | 13 | | 0 | 484,738- | 13- |
| 2008 | 4,278,504 | 272,581 | 6 | | 0 | 272,581- | 6- |
| 2009 | 5,966,555 | 170,364- | 3- | 502,515- | 8- | 332,152- | 6- |
| 2010 | 5,960,334 | 517,605 | 9 | 1,510,654 | 25 | 993,049 | 17 |
| 2011 | 6,163,811 | 145,759 | 2 | 738,840 | 12 | 593,081 | 10 |
| TOTAL | 38,903,931 | 2,554,480 | 7 | 1,746,979 | 4 | 807,502- | 2- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 3,090,520 | 296,516 | 10 | | 0 | 296,516- | 10- |
| 04-06 | 3,357,253 | 352,234 | 10 | | 0 | 352,234- | 10- |
| 05-07 | 3,698,354 | 447,110 | 12 | | 0 | 447,110- | 12- |
| 06-08 | 3,847,224 | 390,644 | 10 | | 0 | 390,644- | 10- |
| 07-09 | 4,613,005 | 195,652 | 4 | 167,505- | 4- | 363,157- | 8- |
| 08-10 | 5,401,798 | 206,607 | 4 | 336,046 | 6 | 129,439 | 2 |
| 09-11 | 6,030,233 | 164,333 | 3 | 582,326 | 10 | 417,993 | 7 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 5,192,632 | 250,064 | 5 | 349,396 | 7 | 99,332 | 2 |

DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 336,176 | 63,791 | 19 | | 0 | 63,791- | 19- |
| 2004 | 453,081 | 77,593 | 17 | | 0 | 77,593- | 17- |
| 2005 | 529,919 | 134,468 | 25 | | 0 | 134,468- | 25- |
| 2006 | 630,320 | 156,695 | 25 | | 0 | 156,695- | 25- |
| 2007 | 687,398 | 203,970 | 30 | | 0 | 203,970- | 30- |
| 2008 | 16,059,121 | 2,250,855 | 14 | | 0 | 2,250,855- | 14- |
| 2009 | 12,243,066 | 46,988 | 0 | 91,104- | 1- | 138,091- | 1- |
| 2010 | 1,911,475 | 205,342 | 11 | 492,573 | 26 | 287,231 | 15 |
| 2011 | 3,155,317 | 57,898 | 2 | 380,962 | 12 | 323,063 | 10 |
| TOTAL | 36,005,872 | 3,197,600 | 9 | 782,431 | 2 | 2,415,169- | 7- |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 439,725 | 91,951 | 21 | | 0 | 91,951- | 21- |
| 04-06 | 537,773 | 122,919 | 23 | | 0 | 122,919- | 23- |
| 05-07 | 615,879 | 165,044 | 27 | | 0 | 165,044- | 27- |
| 06-08 | 5,792,280 | 870,507 | 15 | | 0 | 870,507- | 15- |
| 07-09 | 9,663,195 | 833,937 | 9 | 30,368- | 0 | 864,305- | 9- |
| 08-10 | 10,071,220 | 834,395 | 8 | 133,823 | 1 | 700,572- | 7- |
| 09-11 | 5,769,952 | 103,409 | 2 | 260,810 | 5 | 157,401 | 3 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 6,811,275 | 553,010 | 8 | 156,486 | 2 | 396,524- | 6- |

DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 521,419 | 481,513 | 92 | | 0 | 481,513- | 92- |
| 2004 | 9,818,757 | 219,512- | 2- | | 0 | 219,512 | 2 |
| 2005 | 3,642,739 | 432,727 | 12 | | 0 | 432,727- | 12- |
| 2006 | 774,270 | 1,540,406- | 199- | | 0 | 1,540,406 | 199 |
| 2007 | 319,599 | 743,285- | 233- | | 0 | 743,285 | 233 |
| 2008 | 3,420,740 | 43,797- | 1- | | 0 | 43,797 | 1 |
| 2009 | 5,420,796 | 541,674 | 10 | 1,366,113 | 25 | 824,439 | 15 |
| 2010 | 9,742,294 | 543,387- | 6- | 639 | 0 | 544,027 | 6 |
| 2011 | 2,630,294 | 526,814 | 20 | 194,121 | 7 | 332,694- | 13- |
| TOTAL | 36,290,907 | 1,107,659- | 3- | 1,560,872 | 4 | 2,668,532 | 7 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 4,660,972 | 231,576 | 5 | | 0 | 231,576- | 5- |
| 04-06 | 4,745,255 | 442,397- | 9- | | 0 | 442,397 | 9 |
| 05-07 | 1,578,869 | 616,988- | 39- | | 0 | 616,988 | 39 |
| 06-08 | 1,504,870 | 775,829- | 52- | | 0 | 775,829 | 52 |
| 07-09 | 3,053,712 | 81,803- | 3- | 455,371 | 15 | 537,174 | 18 |
| 08-10 | 6,194,610 | 15,170- | 0 | 455,584 | 7 | 470,754 | 8 |
| 09-11 | 5,931,128 | 175,034 | 3 | 520,291 | 9 | 345,257 | 6 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 4,306,744 | 52,396- | 1- | 312,175 | 7 | 364,571 | 8 |

DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 13,798,263 | | 0 | 15- | 0 | 15- | 0 |
| 2004 | 2,623,320 | | 0 | | 0 | | 0 |
| 2005 | 4,758,501 | | 0 | | 0 | | 0 |
| 2006 | 2,598,261 | | 0 | | 0 | | 0 |
| 2007 | 2,934,843 | | 0 | | 0 | | 0 |
| 2008 | 2,386,022 | | 0 | | 0 | | 0 |
| 2009 | 6,562,766 | 1,237,209 | 19 | 1,528,937 | 23 | 291,728 | 4 |
| 2010 | 1,505,003 | 161,186- | 11- | | 0 | 161,186 | 11 |
| 2011 | | 70,286- | | 41- | | 70,246 | |
| TOTAL | 37,166,979 | 1,005,736 | 3 | 1,528,881 | 4 | 523,144 | 1 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 7,060,028 | | 0 | 5- | 0 | 5- | 0 |
| 04-06 | 3,326,694 | | 0 | | 0 | | 0 |
| 05-07 | 3,430,535 | | 0 | | 0 | | 0 |
| 06-08 | 2,639,709 | | 0 | | 0 | | 0 |
| 07-09 | 3,961,210 | 412,403 | 10 | 509,646 | 13 | 97,243 | 2 |
| 08-10 | 3,484,597 | 358,674 | 10 | 509,646 | 15 | 150,971 | 4 |
| 09-11 | 2,689,256 | 335,245 | 12 | 509,632 | 19 | 174,386 | 6 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 2,677,727 | 201,147 | 8 | 305,779 | 11 | 104,632 | 4 |

DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

| YEAR | REGULAR RETIREMENTS | COST OF REMOVAL AMOUNT | PCT | GROSS SALVAGE AMOUNT | PCT | NET SALVAGE AMOUNT | PCT |
|---|---|---|---|---|---|---|---|
| 2003 | 5,673,628 | | 0 | 9- | 0 | 9- | 0 |
| 2004 | 790,067 | | 0 | | 0 | | 0 |
| 2005 | 2,493,646 | | 0 | | 0 | | 0 |
| 2006 | 2,497,852 | | 0 | | 0 | | 0 |
| 2007 | 596,993 | | 0 | | 0 | | 0 |
| 2008 | 291,257 | | 0 | | 0 | | 0 |
| 2009 | 1,431,197 | 105,701 | 7 | 230,653 | 16 | 124,951 | 9 |
| 2010 | 1,124,725 | 86,830- | 8- | 5- | 0 | 86,825 | 8 |
| 2011 | 190,633 | 5,716 | 3 | 28- | 0 | 5,744- | 3- |
| TOTAL | 15,089,998 | 24,587 | 0 | 230,611 | 2 | 206,024 | 1 |
| THREE-YEAR MOVING AVERAGES | | | | | | | |
| 03-05 | 2,985,780 | | 0 | 3- | 0 | 3- | 0 |
| 04-06 | 1,927,188 | | 0 | | 0 | | 0 |
| 05-07 | 1,862,830 | | 0 | | 0 | | 0 |
| 06-08 | 1,128,701 | | 0 | | 0 | | 0 |
| 07-09 | 773,149 | 35,234 | 5 | 76,884 | 10 | 41,650 | 5 |
| 08-10 | 949,060 | 6,290 | 1 | 76,883 | 8 | 70,592 | 7 |
| 09-11 | 915,518 | 8,196 | 1 | 76,873 | 8 | 68,678 | 8 |
| FIVE-YEAR AVERAGE | | | | | | | |
| 07-11 | 726,961 | 4,917 | 1 | 46,124 | 6 | 41,207 | 6 |

III-296 DEPRECIATION CALCULATIONS

DUKE ENERGY CAROLINAS

ACCOUNT 310 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1965 | 452,636.00 | 296,495 | 452,636 | | | |
| | 452,636.00 | 296,495 | 452,636 | | | |
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1971 | 51,266.00 | 47,187 | 51,266 | | | |
| | 51,266.00 | 47,187 | 51,266 | | | |
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1974 | 1,467,548.00 | 801,369 | 1,467,548 | | | |
| 1975 | 76,263.00 | 41,039 | 76,140 | 123 | 30.89 | 4 |
| | 1,543,811.00 | 842,408 | 1,543,688 | 123 | | 4 |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1948 | 3,037.00 | 2,989 | 3,037 | | | |
| 1949 | 454.00 | 447 | 454 | | | |
| 1950 | 202.00 | 199 | 202 | | | |
| 1976 | 4,000.00 | 3,890 | 4,000 | | | |
| | 7,693.00 | 7,525 | 7,693 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 310 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1950 | 3,106.00 | 2,734 | 3,106 | | | |
| | 3,106.00 | 2,734 | 3,106 | | | |
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1964 | 2,256.00 | 1,688 | 2,256 | | | |
| 1971 | 1,547.00 | 1,105 | 1,547 | | | |
| 1986 | 500.00 | 304 | 500 | | | |
| | 4,303.00 | 3,097 | 4,303 | | | |
| | 2,062,815.00 | 1,199,446 | 2,062,6928 | | 123 | 4 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1965 | 5,921,909.41 | 3,935,375 | 4,023,074 | 2,313,369 | 22.88 | 101,109 |
| 1966 | 5,737,944.00 | 3,785,186 | 3,869,538 | 2,270,062 | 22.94 | 98,956 |
| 1969 | 8,128,873.00 | 5,236,393 | 5,353,085 | 3,344,809 | 23.11 | 144,734 |
| 1970 | 7,009,127.00 | 4,476,085 | 4,575,834 | 2,923,932 | 23.17 | 126,195 |
| 1971 | 631,993.00 | 400,079 | 408,995 | 267,238 | 23.22 | 11,509 |
| 1972 | 16,011.00 | 10,041 | 10,265 | 6,867 | 23.28 | 295 |
| 1973 | 998,141.00 | 620,034 | 633,851 | 434,160 | 23.33 | 18,610 |
| 1974 | 10,745.00 | 6,607 | 6,754 | 4,743 | 23.39 | 203 |
| 1975 | 32,656.00 | 19,872 | 20,315 | 14,627 | 23.44 | 624 |
| 1976 | 7,196.00 | 4,330 | 4,426 | 3,273 | 23.50 | 139 |
| 1979 | 5,618.00 | 3,260 | 3,333 | 2,679 | 23.66 | 113 |
| 1980 | 357,383.00 | 204,580 | 209,139 | 173,261 | 23.72 | 7,304 |
| 1981 | 1,812,799.00 | 1,023,422 | 1,046,229 | 893,466 | 23.77 | 37,588 |
| 1982 | 6,960.00 | 3,871 | 3,957 | 3,490 | 23.83 | 146 |
| 1984 | 73,420.00 | 39,557 | 40,439 | 38,121 | 23.93 | 1,593 |
| 1985 | 499,557.00 | 264,393 | 270,285 | 264,241 | 23.99 | 11,015 |
| 1986 | 1,150,000.00 | 597,617 | 610,935 | 619,565 | 24.04 | 25,772 |
| 1988 | 28,903.00 | 14,425 | 14,746 | 16,180 | 24.15 | 670 |
| 1989 | 1,025,065.00 | 500,106 | 511,251 | 585,569 | 24.21 | 24,187 |
| 1990 | 322,738.00 | 153,796 | 157,223 | 188,106 | 24.26 | 7,754 |
| 1992 | 466,362.00 | 210,766 | 215,463 | 283,544 | 24.37 | 11,635 |
| 1993 | 1,372,159.00 | 601,819 | 615,230 | 852,980 | 24.43 | 34,915 |
| 1994 | 527,203.00 | 224,058 | 229,051 | 335,056 | 24.48 | 13,687 |
| 1995 | 61,075.00 | 25,066 | 25,625 | 39,726 | 24.54 | 1,619 |
| 1997 | 1,552,318.00 | 588,884 | 602,007 | 1,058,973 | 24.65 | 42,960 |
| 1998 | 378,143.00 | 137,002 | 140,055 | 264,558 | 24.71 | 10,707 |
| 1999 | 257,676.00 | 88,810 | 90,789 | 184,924 | 24.77 | 7,466 |
| 2000 | 625,570.00 | 203,807 | 208,349 | 461,011 | 24.83 | 18,567 |
| 2001 | 245,157.00 | 75,023 | 76,695 | 185,623 | 24.89 | 7,458 |
| 2004 | 996,824.00 | 238,161 | 243,468 | 823,133 | 25.08 | 32,820 |
| 2005 | 3,350,940.00 | 716,635 | 732,605 | 2,852,901 | 25.14 | 113,481 |
| 2006 | 529,445.00 | 98,872 | 101,075 | 465,431 | 25.21 | 18,462 |
| 2007 | 168,043.31 | 26,552 | 27,144 | 152,663 | 25.28 | 6,039 |
| 2008 | 4,485,224.49 | 570,480 | 583,193 | 4,215,997 | 25.35 | 166,312 |
| 2009 | 2,377,556.79 | 224,481 | 229,484 | 2,314,502 | 25.42 | 91,050 |
| 2010 | 15,172,621.19 | 890,636 | 910,484 | 15,324,221 | 25.50 | 600,950 |
| 2011 | 5,683,861.09 | 116,587 | 119,185 | 5,962,546 | 25.58 | 233,094 |
| | 72,027,217.28 | 26,336,668 | 26,923,576 | 50,145,546 | | 2,029,738 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1930 | 1,353,084.00 | 1,373,977 | 1,404,596 | 43,204 | 3.39 | 12,745 |
| 1938 | 402,827.00 | 407,599 | 416,682 | 14,343 | 3.40 | 4,219 |
| 1952 | 2,386,463.42 | 2,392,823 | 2,446,147 | 107,369 | 3.42 | 31,394 |
| 1954 | 3,513,022.63 | 3,515,844 | 3,594,194 | 164,740 | 3.43 | 48,029 |
| 1960 | 361,388.00 | 359,567 | 367,580 | 19,105 | 3.43 | 5,570 |
| 1961 | 98.00 | 97 | 99 | 6 | 3.44 | 2 |
| 1964 | 5,285.00 | 5,232 | 5,349 | 306 | 3.44 | 89 |
| 1966 | 29,936.00 | 29,555 | 30,214 | 1,818 | 3.44 | 528 |
| 1967 | 901.00 | 888 | 908 | 56 | 3.44 | 16 |
| 1968 | 1,036.00 | 1,020 | 1,043 | 66 | 3.44 | 19 |
| 1969 | 497.00 | 488 | 499 | 33 | 3.44 | 10 |
| 1970 | 179,783.00 | 176,338 | 180,268 | 12,100 | 3.45 | 3,507 |
| 1971 | 714.00 | 699 | 715 | 49 | 3.45 | 14 |
| 1972 | 3,010.00 | 2,942 | 3,008 | 213 | 3.45 | 62 |
| 1973 | 1,564,961.00 | 1,526,381 | 1,560,396 | 114,112 | 3.45 | 33,076 |
| 1974 | 6,254.00 | 6,087 | 6,223 | 469 | 3.45 | 136 |
| 1975 | 17,197.00 | 16,702 | 17,074 | 1,327 | 3.45 | 385 |
| 1976 | 204,143.95 | 197,809 | 202,217 | 16,217 | 3.45 | 4,701 |
| 1980 | 27,500.00 | 26,354 | 26,941 | 2,484 | 3.46 | 718 |
| 1982 | 6,960.00 | 6,627 | 6,775 | 673 | 3.46 | 195 |
| 1983 | 9,680.00 | 9,184 | 9,389 | 969 | 3.46 | 280 |
| 1989 | 566,304.00 | 522,410 | 534,052 | 71,893 | 3.47 | 20,718 |
| 1990 | 656,811.00 | 602,226 | 615,647 | 87,141 | 3.47 | 25,113 |
| 1991 | 476,851.00 | 434,339 | 444,018 | 66,212 | 3.47 | 19,081 |
| 1992 | 3,402,196.00 | 3,076,423 | 3,144,981 | 495,369 | 3.47 | 142,758 |
| 1993 | 901,886.00 | 809,052 | 827,082 | 137,936 | 3.47 | 39,751 |
| 1994 | 2,829,416.00 | 2,515,771 | 2,571,835 | 455,641 | 3.47 | 131,309 |
| 1995 | 232,554.00 | 204,757 | 209,320 | 39,513 | 3.47 | 11,387 |
| 1996 | 70,236.00 | 61,162 | 62,525 | 12,628 | 3.47 | 3,639 |
| 1997 | 189,731.00 | 163,189 | 166,826 | 36,187 | 3.47 | 10,429 |
| 2000 | 75,192.00 | 61,550 | 62,922 | 17,534 | 3.48 | 5,039 |
| 2002 | 336,560.00 | 262,743 | 268,598 | 91,521 | 3.48 | 26,299 |
| 2004 | 29,597.00 | 21,577 | 22,058 | 9,611 | 3.48 | 2,762 |
| 2005 | 112,487.00 | 78,223 | 79,966 | 40,395 | 3.48 | 11,608 |
| 2006 | 72,605.00 | 47,394 | 48,450 | 29,237 | 3.49 | 8,377 |
| 2007 | 49,904.00 | 30,015 | 30,684 | 22,713 | 3.49 | 6,508 |
| 2008 | 318,067.38 | 170,166 | 173,958 | 166,374 | 3.49 | 47,672 |
| 2009 | 29,539.67 | 13,161 | 13,454 | 18,153 | 3.49 | 5,201 |
| 2010 | 58,885.95 | 18,940 | 19,362 | 43,646 | 3.49 | 12,506 |
| 2011 | 311.70 | 41 | 42 | 292 | 3.50 | 83 |
| | 20,483,875.70 | 19,149,352 | 19,576,092 | 2,341,655 | | 675,935 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1974 | 25,541,248.81 | 14,211,151 | 14,527,844 | 12,801,292 | 28.44 | 450,116 |
| 1975 | 25,550,910.49 | 14,047,295 | 14,360,337 | 12,979,138 | 28.52 | 455,089 |
| 1976 | 1,356,012.00 | 736,087 | 752,491 | 698,442 | 28.61 | 24,413 |
| 1978 | 46,079.00 | 24,349 | 24,892 | 24,413 | 28.78 | 848 |
| 1979 | 342,960.00 | 178,687 | 182,669 | 184,298 | 28.86 | 6,386 |
| 1980 | 65,985.00 | 33,855 | 34,609 | 35,994 | 28.95 | 1,243 |
| 1981 | 191,502.00 | 96,735 | 98,891 | 106,016 | 29.03 | 3,652 |
| 1982 | 40,767.00 | 20,257 | 20,708 | 22,912 | 29.11 | 787 |
| 1983 | 88,171.00 | 43,043 | 44,002 | 50,341 | 29.20 | 1,724 |
| 1984 | 14,961.00 | 7,171 | 7,331 | 8,677 | 29.28 | 296 |
| 1986 | 16,420.00 | 7,561 | 7,729 | 9,840 | 29.45 | 334 |
| 1988 | 648,081.00 | 285,263 | 291,620 | 401,827 | 29.62 | 13,566 |
| 1990 | 36,883.00 | 15,436 | 15,780 | 23,685 | 29.78 | 795 |
| 1991 | 113,590.00 | 46,221 | 47,251 | 74,290 | 29.87 | 2,487 |
| 1993 | 1,680,905.00 | 642,628 | 656,949 | 1,141,619 | 30.04 | 38,003 |
| 1994 | 280,844.00 | 103,674 | 105,984 | 194,519 | 30.13 | 6,456 |
| 1995 | 1,751,031.00 | 623,011 | 636,895 | 1,236,708 | 30.21 | 40,937 |
| 1996 | 859,215.00 | 293,368 | 299,906 | 619,454 | 30.30 | 20,444 |
| 1997 | 765,244.00 | 249,909 | 255,478 | 563,333 | 30.39 | 18,537 |
| 1998 | 464,354.00 | 144,422 | 147,640 | 349,218 | 30.48 | 11,457 |
| 1999 | 210,559.00 | 62,052 | 63,435 | 161,863 | 30.57 | 5,295 |
| 2000 | 619,812.00 | 172,047 | 175,881 | 487,318 | 30.66 | 15,894 |
| 2002 | 29,731.00 | 7,160 | 7,320 | 24,493 | 30.85 | 794 |
| 2003 | 153,135,627.00 | 33,863,938 | 34,618,590 | 129,236,531 | 30.94 | 4,177,005 |
| 2004 | 358,350.00 | 71,787 | 73,387 | 310,048 | 31.04 | 9,989 |
| 2005 | 1,164,892.33 | 207,519 | 212,144 | 1,034,291 | 31.14 | 33,214 |
| 2006 | 15,767,135.00 | 2,447,115 | 2,501,649 | 14,369,186 | 31.24 | 459,961 |
| 2007 | 1,550,350.00 | 202,598 | 207,113 | 1,451,762 | 31.34 | 46,323 |
| 2008 | 582,769.61 | 60,997 | 62,356 | 561,207 | 31.45 | 17,844 |
| 2009 | 1,091,003.77 | 84,098 | 85,972 | 1,081,402 | 31.56 | 34,265 |
| 2010 | 574,793.22 | 27,461 | 28,073 | 586,956 | 31.67 | 18,534 |
| 2011 | 17,661,759.39 | 292,542 | 299,061 | 18,599,021 | 31.79 | 585,059 |
| | 252,601,945.62 | 69,309,437 | 70,853,986 | 199,430,096 | | 6,501,747 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1949 | 1,115,689.42 | 1,172,168 | 1,193,788 | | | |
| 1950 | 1,320,387.00 | 1,386,917 | 1,412,814 | | | |
| 1955 | 2,501,353.00 | 2,624,150 | 2,676,448 | | | |
| 1960 | 49,148.00 | 51,483 | 52,588 | | | |
| 1966 | 42,363.00 | 44,264 | 45,314 | 15 | 1.00 | 15 |
| 1967 | 5,435.00 | 5,676 | 5,811 | 5 | 1.00 | 5 |
| 1970 | 15,218.00 | 15,870 | 16,246 | 37 | 1.00 | 37 |
| 1973 | 791,818.00 | 824,319 | 843,865 | 3,380 | 1.00 | 3,380 |
| 1975 | 19,056.00 | 19,812 | 20,282 | 108 | 1.00 | 108 |
| 1976 | 37,334.00 | 38,787 | 39,707 | 241 | 1.00 | 241 |
| 1977 | 15,205.00 | 15,785 | 16,159 | 110 | 1.00 | 110 |
| 1978 | 143,412.00 | 148,761 | 152,288 | 1,162 | 1.00 | 1,162 |
| 1979 | 37,129.00 | 38,481 | 39,393 | 335 | 1.00 | 335 |
| 1980 | 12,706.00 | 13,157 | 13,469 | 126 | 1.00 | 126 |
| 1982 | 51,011.00 | 52,714 | 53,964 | 618 | 1.00 | 618 |
| 1983 | 270,155.00 | 278,862 | 285,474 | 3,592 | 1.00 | 3,592 |
| 1987 | 6,869.00 | 7,052 | 7,219 | 131 | 1.00 | 131 |
| 1988 | 132,329.00 | 135,641 | 138,857 | 2,735 | 1.00 | 2,735 |
| 1989 | 6,552,769.00 | 6,704,781 | 6,863,762 | 147,701 | 1.00 | 147,701 |
| 1990 | 382,075.00 | 390,178 | 399,430 | 9,391 | 1.00 | 9,391 |
| 1992 | 912,426.00 | 927,627 | 949,622 | 26,673 | 1.00 | 26,673 |
| 1993 | 126,707.00 | 128,486 | 131,533 | 4,044 | 1.00 | 4,044 |
| 1994 | 104,671.00 | 105,834 | 108,343 | 3,654 | 1.00 | 3,654 |
| 1995 | 320,001.00 | 322,504 | 330,151 | 12,250 | 1.00 | 12,250 |
| 1996 | 87,994.00 | 88,363 | 90,458 | 3,695 | 1.00 | 3,695 |
| 1998 | 39,585.00 | 39,400 | 40,334 | 2,022 | 1.00 | 2,022 |
| 2001 | 23,991.00 | 23,421 | 23,976 | 1,694 | 1.00 | 1,694 |
| 2003 | 1,032.00 | 987 | 1,010 | 94 | 1.00 | 94 |
| 2004 | 78,085.00 | 73,675 | 75,422 | 8,129 | 1.00 | 8,129 |
| 2005 | 112,269.00 | 104,046 | 106,513 | 13,615 | 1.00 | 13,615 |
| 2006 | 88,083.00 | 79,704 | 81,594 | 12,655 | 1.00 | 12,655 |
| 2007 | 99,846.01 | 87,375 | 89,447 | 17,388 | 1.00 | 17,388 |
| 2008 | 201,255.49 | 167,382 | 171,351 | 43,992 | 1.00 | 43,992 |
| 2009 | 104,085.16 | 79,551 | 81,437 | 29,934 | 1.00 | 29,934 |
| 2010 | 56,171.95 | 36,062 | 36,917 | 23,187 | 1.00 | 23,187 |
| 2011 | 83,975.03 | 29,951 | 30,661 | 59,192 | 1.00 | 59,192 |
| | 15,941,639.06 | 16,263,226 | 16,625,649 | 431,905 | | 431,905 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1970 | 195.00 | 118 | 121 | 88 | 26.05 | 3 |
| 1972 | 12,358,158.02 | 7,319,454 | 7,482,567 | 5,740,662 | 26.19 | 219,193 |
| 1973 | 119,306.00 | 69,929 | 71,487 | 56,170 | 26.26 | 2,139 |
| 1976 | 76,067.00 | 43,076 | 44,036 | 37,356 | 26.48 | 1,411 |
| 1978 | 279,969.00 | 154,550 | 157,994 | 141,573 | 26.62 | 5,318 |
| 1979 | 110,837.00 | 60,356 | 61,701 | 56,895 | 26.69 | 2,132 |
| 1982 | 6,960.00 | 3,622 | 3,703 | 3,744 | 26.90 | 139 |
| 1983 | 1,321,761.00 | 676,509 | 691,585 | 722,699 | 26.97 | 26,796 |
| 1987 | 35,631.00 | 16,884 | 17,260 | 20,865 | 27.25 | 766 |
| 1988 | 49,635.00 | 22,996 | 23,508 | 29,601 | 27.33 | 1,083 |
| 1989 | 72,413.00 | 32,759 | 33,489 | 43,993 | 27.40 | 1,606 |
| 1992 | 1,048,280.00 | 437,414 | 447,162 | 674,498 | 27.61 | 24,429 |
| 1993 | 46,452.00 | 18,787 | 19,206 | 30,498 | 27.68 | 1,102 |
| 1994 | 64,258.00 | 25,119 | 25,679 | 43,077 | 27.76 | 1,552 |
| 1995 | 714,538.00 | 269,384 | 275,387 | 489,168 | 27.83 | 17,577 |
| 1996 | 378,311.00 | 137,107 | 140,162 | 264,630 | 27.90 | 9,485 |
| 1997 | 14,125.00 | 4,899 | 5,008 | 10,106 | 27.98 | 361 |
| 1999 | 3,902.00 | 1,225 | 1,252 | 2,923 | 28.13 | 104 |
| 2000 | 107,606.00 | 31,855 | 32,565 | 82,574 | 28.21 | 2,927 |
| 2001 | 140,265.00 | 38,945 | 39,813 | 110,271 | 28.28 | 3,899 |
| 2002 | 15,540,891.00 | 4,005,867 | 4,095,137 | 12,533,616 | 28.36 | 441,947 |
| 2003 | 28,864.00 | 6,846 | 6,999 | 23,886 | 28.44 | 840 |
| 2004 | 414,254.00 | 89,023 | 91,007 | 352,245 | 28.53 | 12,346 |
| 2006 | 26,583.00 | 4,449 | 4,548 | 23,896 | 28.69 | 833 |
| 2007 | 255,092.50 | 35,983 | 36,785 | 236,164 | 28.78 | 8,206 |
| 2008 | 678,933.26 | 76,946 | 78,661 | 647,798 | 28.87 | 22,438 |
| 2009 | 894,576.93 | 74,642 | 76,305 | 880,892 | 28.97 | 30,407 |
| 2010 | 2,128,207.39 | 110,352 | 112,811 | 2,164,371 | 29.06 | 74,479 |
| 2011 | 728,723.01 | 12,881 | 13,168 | 766,566 | 29.17 | 26,279 |
| | 37,644,794.11 | 13,781,977 | 14,089,106 | 26,190,824 | | 939,797 |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1951 | 2,611,377.70 | 2,407,321 | 2,460,968 | 333,206 | 8.04 | 41,444 |
| 1958 | 2,938,166.16 | 2,669,621 | 2,729,113 | 414,725 | 8.10 | 51,201 |
| 1960 | 71,113.00 | 64,307 | 65,740 | 10,351 | 8.11 | 1,276 |
| 1963 | 6,648.00 | 5,964 | 6,097 | 1,016 | 8.13 | 125 |
| 1965 | 1,267.00 | 1,130 | 1,155 | 201 | 8.14 | 25 |
| 1966 | 58,569.00 | 52,072 | 53,232 | 9,436 | 8.15 | 1,158 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1967 | 4,184.00 | 3,708 | 3,791 | 686 | 8.15 | 84 |
| 1969 | 2,237.00 | 1,968 | 2,012 | 382 | 8.17 | 47 |
| 1970 | 167,490.00 | 146,864 | 150,137 | 29,077 | 8.17 | 3,559 |
| 1973 | 684,126.00 | 592,493 | 605,697 | 126,318 | 8.19 | 15,423 |
| 1978 | 582,789.00 | 492,151 | 503,119 | 120,466 | 8.22 | 14,655 |
| 1979 | 61,519.00 | 51,640 | 52,791 | 13,035 | 8.23 | 1,584 |
| 1982 | 6,960.00 | 5,726 | 5,854 | 1,594 | 8.25 | 193 |
| 1984 | 38,190.00 | 30,939 | 31,628 | 9,235 | 8.26 | 1,118 |
| 1987 | 668,198.00 | 526,555 | 538,289 | 176,683 | 8.28 | 21,339 |
| 1989 | 611,340.00 | 471,303 | 481,806 | 172,328 | 8.29 | 20,787 |
| 1990 | 56,998.00 | 43,393 | 44,360 | 16,628 | 8.30 | 2,003 |
| 1991 | 172,206.00 | 129,406 | 132,290 | 51,971 | 8.30 | 6,262 |
| 1993 | 118,375.00 | 86,254 | 88,176 | 38,485 | 8.32 | 4,626 |
| 1994 | 270,092.00 | 193,470 | 197,781 | 91,217 | 8.32 | 10,964 |
| 1995 | 245,608.00 | 172,526 | 176,371 | 86,430 | 8.33 | 10,376 |
| 1996 | 146,256.00 | 100,618 | 102,860 | 53,634 | 8.33 | 6,439 |
| 1998 | 106,245.00 | 69,470 | 71,018 | 42,664 | 8.35 | 5,109 |
| 1999 | 27,913.00 | 17,719 | 18,114 | 11,753 | 8.35 | 1,408 |
| 2002 | 90,838.00 | 51,154 | 52,294 | 44,903 | 8.38 | 5,358 |
| 2006 | 64,934.00 | 27,260 | 27,867 | 41,612 | 8.41 | 4,948 |
| 2007 | 1,177,189.24 | 435,529 | 445,235 | 814,358 | 8.42 | 96,717 |
| 2008 | 15,575,559.23 | 4,873,761 | 4,982,372 | 11,683,476 | 8.42 | 1,387,586 |
| 2009 | 318,097.01 | 77,610 | 79,340 | 261,024 | 8.43 | 30,964 |
| 2010 | 429,839.80 | 69,408 | 70,955 | 388,974 | 8.44 | 46,087 |
| 2011 | 26,579.29 | 1,589 | 1,624 | 26,815 | 8.45 | 3,173 |
| | 27,340,903.43 | 13,872,929 | 14,182,085 | 15,072,682 | | 1,796,038 |
| CLIFFSIDE UNIT 6 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 2010 | 11,974,351.91 | 531,209 | 543,047 | 12,269,510 | 34.22 | 358,548 |
| | 11,974,351.91 | 531,209 | 543,047 | 12,269,510 | | 358,548 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1957 | 6,652,518.86 | 5,324,552 | 5,443,209 | 1,674,986 | 14.93 | 112,189 |
| 1959 | 5,300,458.00 | 4,208,472 | 4,302,257 | 1,369,233 | 14.98 | 91,404 |
| 1960 | 2,713,230.00 | 2,145,403 | 2,193,213 | 709,943 | 15.00 | 47,330 |
| 1961 | 3,474,222.00 | 2,734,793 | 2,795,738 | 921,680 | 15.03 | 61,323 |
| 1962 | 12,863.00 | 10,081 | 10,306 | 3,458 | 15.05 | 230 |
| 1963 | 7,671.00 | 5,983 | 6,116 | 2,092 | 15.08 | 139 |
| 1964 | 12,320.00 | 9,563 | 9,776 | 3,406 | 15.10 | 226 |
| 1965 | 70,378.00 | 54,355 | 55,566 | 19,738 | 15.12 | 1,305 |
| 1966 | 20,902.00 | 16,055 | 16,413 | 5,952 | 15.15 | 393 |
| 1967 | 20,005.00 | 15,283 | 15,624 | 5,782 | 15.17 | 381 |
| 1970 | 6,047.00 | 4,537 | 4,638 | 1,832 | 15.24 | 120 |
| 1973 | 3,632,610.00 | 2,670,218 | 2,729,723 | 1,157,169 | 15.31 | 75,583 |
| 1974 | 8,030.00 | 5,859 | 5,990 | 2,603 | 15.33 | 170 |
| 1975 | 42,767.00 | 30,964 | 31,654 | 14,107 | 15.35 | 919 |
| 1976 | 23,910.00 | 17,165 | 17,548 | 8,036 | 15.38 | 522 |
| 1978 | 24,047.00 | 16,964 | 17,342 | 8,388 | 15.42 | 544 |
| 1979 | 26,231.00 | 18,329 | 18,737 | 9,330 | 15.44 | 604 |
| 1981 | 12,001.00 | 8,212 | 8,395 | 4,446 | 15.49 | 287 |
| 1982 | 6,959.00 | 4,709 | 4,814 | 2,632 | 15.51 | 170 |
| 1983 | 85,546.00 | 57,198 | 58,473 | 33,062 | 15.53 | 2,129 |
| 1985 | 570,246.00 | 371,522 | 379,801 | 230,362 | 15.57 | 14,795 |
| 1986 | 1,473.00 | 946 | 967 | 609 | 15.60 | 39 |
| 1987 | 11,765.00 | 7,440 | 7,606 | 4,983 | 15.62 | 319 |
| 1988 | 27,355.00 | 17,017 | 17,396 | 11,874 | 15.64 | 759 |
| 1989 | 664,656.00 | 406,391 | 415,447 | 295,735 | 15.66 | 18,885 |
| 1990 | 226,136.00 | 135,689 | 138,713 | 103,253 | 15.68 | 6,585 |
| 1992 | 398,944.00 | 229,438 | 234,551 | 192,319 | 15.73 | 12,226 |
| 1993 | 245,641.00 | 137,960 | 141,034 | 121,801 | 15.75 | 7,733 |
| 1994 | 30,042.00 | 16,436 | 16,802 | 15,343 | 15.78 | 972 |
| 1996 | 77,830.00 | 40,139 | 41,033 | 42,245 | 15.82 | 2,670 |
| 1997 | 511,822.00 | 254,991 | 260,673 | 286,976 | 15.85 | 18,106 |
| 1998 | 405,512.00 | 194,551 | 198,887 | 235,011 | 15.87 | 14,809 |
| 2000 | 486,876.00 | 213,556 | 218,315 | 302,642 | 15.92 | 19,010 |
| 2001 | 596,599.00 | 248,195 | 253,726 | 384,635 | 15.94 | 24,130 |
| 2002 | 137,465.00 | 53,762 | 54,960 | 92,127 | 15.97 | 5,769 |
| 2003 | 116,618.00 | 42,452 | 43,398 | 81,383 | 16.00 | 5,086 |
| 2004 | 858,250.00 | 287,740 | 294,152 | 624,175 | 16.02 | 38,962 |
| 2005 | 907,430.00 | 275,245 | 281,379 | 689,571 | 16.05 | 42,964 |
| 2006 | 88,278.00 | 23,714 | 24,242 | 70,215 | 16.08 | 4,367 |
| 2007 | 165,560.45 | 38,139 | 38,989 | 138,161 | 16.11 | 8,576 |
| 2008 | 29,501.00 | 5,559 | 5,683 | 25,883 | 16.14 | 1,604 |

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 2009 | 11,490,755.21 | 1,629,225 | 1,665,532 | 10,629,576 | 16.17 | 657,364 |
| 2010 | 5,431,804.63 | 489,547 | 500,456 | 5,311,574 | 16.20 | 327,875 |
| 2011 | 19,876.19 | 623 | 637 | 20,631 | 16.24 | 1,270 |
| | 45,653,151.34 | 22,478,972 | 22,979,913 | 25,868,959 | | 1,630,843 |
| | 483,667,878.45 | 181,723,770 | 185,773,454 | 331,751,177 | | 14,364,551 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.1 2.97

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1965 | 8,302,111.35 | 6,772,530 | 6,689,312 | 2,443,010 | 11.61 | 210,423 |
| 1966 | 8,897,411.11 | 7,164,881 | 7,076,842 | 2,710,310 | 12.03 | 225,296 |
| 1968 | 500.00 | 392 | 387 | 163 | 12.87 | 13 |
| 1969 | 14,171,791.31 | 10,957,955 | 10,823,308 | 4,765,662 | 13.30 | 358,320 |
| 1970 | 16,390,984.17 | 12,493,225 | 12,339,714 | 5,690,369 | 13.73 | 414,448 |
| 1971 | 1,951,536.00 | 1,466,232 | 1,448,216 | 698,474 | 14.15 | 49,362 |
| 1972 | 2,546,021.00 | 1,884,063 | 1,860,912 | 939,711 | 14.58 | 64,452 |
| 1973 | 6,066,004.00 | 4,419,399 | 4,365,095 | 2,307,509 | 15.01 | 153,731 |
| 1974 | 135,958.00 | 97,511 | 96,313 | 53,241 | 15.43 | 3,450 |
| 1975 | 1,182,897.00 | 834,399 | 824,146 | 477,040 | 15.86 | 30,078 |
| 1976 | 306,723.00 | 212,728 | 210,114 | 127,281 | 16.28 | 7,818 |
| 1977 | 2,565,160.00 | 1,748,931 | 1,727,441 | 1,094,235 | 16.69 | 65,562 |
| 1978 | 588,399.00 | 394,084 | 389,242 | 257,997 | 17.10 | 15,088 |
| 1979 | 544,659.00 | 358,151 | 353,750 | 245,375 | 17.50 | 14,021 |
| 1982 | 330,492.00 | 205,055 | 202,535 | 161,006 | 18.65 | 8,633 |
| 1983 | 654,514.00 | 397,853 | 392,964 | 327,001 | 19.01 | 17,202 |
| 1984 | 2,959,803.00 | 1,760,662 | 1,739,028 | 1,516,756 | 19.37 | 78,304 |
| 1985 | 168,067.00 | 97,783 | 96,581 | 88,292 | 19.71 | 4,480 |
| 1986 | 3,125,834.00 | 1,777,249 | 1,755,411 | 1,683,006 | 20.04 | 83,982 |
| 1987 | 3,077,387.00 | 1,706,983 | 1,686,008 | 1,699,117 | 20.37 | 83,413 |
| 1988 | 1,117,570.00 | 604,694 | 597,264 | 632,063 | 20.67 | 30,579 |
| 1989 | 746,469.00 | 393,323 | 388,490 | 432,626 | 20.97 | 20,631 |
| 1990 | 4,205,078.00 | 2,154,089 | 2,127,620 | 2,497,965 | 21.26 | 117,496 |
| 1991 | 523,657.00 | 260,535 | 257,334 | 318,689 | 21.53 | 14,802 |
| 1992 | 4,806,906.00 | 2,316,708 | 2,288,241 | 2,999,355 | 21.80 | 137,585 |
| 1993 | 6,456,685.75 | 3,010,191 | 2,973,203 | 4,129,151 | 22.05 | 187,263 |
| 1994 | 3,670,405.28 | 1,651,598 | 1,631,304 | 2,406,142 | 22.29 | 107,947 |
| 1995 | 3,438,673.00 | 1,489,602 | 1,471,298 | 2,311,242 | 22.52 | 102,631 |
| 1996 | 1,284,662.00 | 533,936 | 527,375 | 885,753 | 22.74 | 38,951 |
| 1997 | 9,335,585.00 | 3,711,679 | 3,666,071 | 6,603,072 | 22.95 | 287,716 |
| 1998 | 3,168,389.00 | 1,199,581 | 1,184,841 | 2,300,387 | 23.15 | 99,369 |
| 1999 | 39,971,327.00 | 14,342,951 | 14,166,711 | 29,801,749 | 23.34 | 1,276,853 |
| 2000 | 927,738.00 | 313,930 | 310,073 | 710,439 | 23.52 | 30,206 |
| 2001 | 13,322,528.00 | 4,219,844 | 4,167,992 | 10,486,788 | 23.69 | 442,667 |
| 2002 | 36,188,596.00 | 10,636,552 | 10,505,855 | 29,301,601 | 23.86 | 1,228,064 |
| 2003 | 9,192,141.00 | 2,484,158 | 2,453,634 | 7,657,721 | 24.01 | 318,939 |
| 2004 | 17,838,614.00 | 4,373,850 | 4,320,106 | 15,302,369 | 24.16 | 633,376 |
| 2005 | 20,072,378.00 | 4,389,648 | 4,335,710 | 17,743,906 | 24.30 | 730,202 |
| 2006 | 86,141,480.27 | 16,418,308 | 16,216,567 | 78,539,061 | 24.43 | 3,214,861 |
| 2007 | 71,884,858.23 | 11,547,871 | 11,405,976 | 67,667,368 | 24.56 | 2,755,186 |
| 2008 | 130,003,841.65 | 16,775,826 | 16,569,692 | 126,434,534 | 24.68 | 5,122,955 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 10,609,789.72 | 1,010,572 | 998,155 | 10,672,614 | 24.79 | 430,521 |
| 2010 | 6,391,969.52 | 376,800 | 372,170 | 6,658,996 | 24.90 | 267,430 |
| 2011 | 18,865,733.89 | 382,880 | 378,175 | 20,374,132 | 25.00 | 814,965 |
| | 574,131,327.25 | 159,349,192 | 157,391,178 | 474,153,282 | | 20,299,271 |
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1952 | 2,464,752.89 | 2,532,152 | 2,501,038 | 210,190 | 2.92 | 71,983 |
| 1954 | 2,357,603.36 | 2,417,923 | 2,388,213 | 205,151 | 2.97 | 69,074 |
| 1959 | 468,471.00 | 477,978 | 472,105 | 43,213 | 3.10 | 13,940 |
| 1960 | 2,295,810.25 | 2,339,952 | 2,311,200 | 214,192 | 3.12 | 68,651 |
| 1961 | 1,117.00 | 1,137 | 1,123 | 106 | 3.14 | 34 |
| 1962 | 3,423.00 | 3,481 | 3,438 | 327 | 3.16 | 103 |
| 1963 | 72,683.00 | 73,822 | 72,915 | 7,036 | 3.18 | 2,213 |
| 1964 | 19,432.00 | 19,716 | 19,474 | 1,901 | 3.19 | 596 |
| 1966 | 181,633.00 | 183,763 | 181,505 | 18,291 | 3.23 | 5,663 |
| 1967 | 10,151.00 | 10,257 | 10,131 | 1,035 | 3.24 | 319 |
| 1968 | 47,863.00 | 48,283 | 47,690 | 4,960 | 3.26 | 1,521 |
| 1969 | 3,313.00 | 3,337 | 3,296 | 348 | 3.27 | 106 |
| 1970 | 593,391.00 | 596,615 | 589,284 | 63,446 | 3.29 | 19,284 |
| 1972 | 1,532,491.00 | 1,535,541 | 1,516,673 | 169,067 | 3.31 | 51,078 |
| 1973 | 6,501,647.00 | 6,502,213 | 6,422,317 | 729,495 | 3.32 | 219,727 |
| 1974 | 1,941.00 | 1,937 | 1,913 | 222 | 3.33 | 67 |
| 1975 | 1,607,691.00 | 1,601,128 | 1,581,454 | 187,006 | 3.34 | 55,990 |
| 1976 | 762,244.00 | 757,380 | 748,074 | 90,395 | 3.35 | 26,984 |
| 1977 | 4,701.00 | 4,660 | 4,603 | 568 | 3.36 | 169 |
| 1978 | 45,530.00 | 45,010 | 44,457 | 5,626 | 3.37 | 1,669 |
| 1979 | 107,218.00 | 105,696 | 104,397 | 13,543 | 3.38 | 4,007 |
| 1980 | 44,497.00 | 43,734 | 43,197 | 5,750 | 3.39 | 1,696 |
| 1981 | 128,757.00 | 126,189 | 124,638 | 16,994 | 3.39 | 5,013 |
| 1982 | 1,646,151.00 | 1,607,779 | 1,588,023 | 222,743 | 3.40 | 65,513 |
| 1983 | 343,473.00 | 334,220 | 330,113 | 47,707 | 3.41 | 13,990 |
| 1984 | 131,444.00 | 127,445 | 125,879 | 18,709 | 3.41 | 5,487 |
| 1985 | 8,896.00 | 8,589 | 8,483 | 1,302 | 3.42 | 381 |
| 1986 | 29,992.00 | 28,834 | 28,480 | 4,511 | 3.42 | 1,319 |
| 1987 | 169,085.00 | 161,746 | 159,759 | 26,235 | 3.43 | 7,649 |
| 1988 | 547,491.00 | 521,136 | 514,733 | 87,508 | 3.43 | 25,513 |
| 1989 | 513,106.00 | 485,556 | 479,590 | 84,827 | 3.44 | 24,659 |
| 1990 | 13,622,634.00 | 12,815,384 | 12,657,914 | 2,326,983 | 3.44 | 676,449 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1991 | 25,284,657.00 | 23,631,420 | 23,341,047 | 4,472,075 | 3.44 | 1,300,022 |
| 1992 | 66,104.00 | 61,311 | 60,558 | 12,157 | 3.45 | 3,524 |
| 1993 | 26,456,501.00 | 24,345,987 | 24,046,834 | 5,055,317 | 3.45 | 1,465,309 |
| 1994 | 1,845,364.00 | 1,683,376 | 1,662,691 | 367,209 | 3.45 | 106,437 |
| 1995 | 2,123,171.00 | 1,916,805 | 1,893,252 | 442,236 | 3.46 | 127,814 |
| 1998 | 2,344,108.00 | 2,038,783 | 2,013,731 | 564,787 | 3.46 | 163,233 |
| 1999 | 445,070.00 | 380,675 | 375,997 | 113,580 | 3.47 | 32,732 |
| 2000 | 10,213,535.00 | 8,575,590 | 8,470,217 | 2,764,672 | 3.47 | 796,735 |
| 2001 | 28,063.00 | 23,056 | 22,773 | 8,097 | 3.47 | 2,333 |
| 2002 | 4,860,237.00 | 3,891,222 | 3,843,408 | 1,502,852 | 3.47 | 433,099 |
| 2003 | 810,968.00 | 629,735 | 621,997 | 270,068 | 3.47 | 77,829 |
| 2004 | 3,921,904.00 | 2,927,846 | 2,891,870 | 1,422,224 | 3.48 | 408,685 |
| 2005 | 65,823.00 | 46,877 | 46,301 | 26,104 | 3.48 | 7,501 |
| 2006 | 362,851.00 | 242,894 | 239,909 | 159,227 | 3.48 | 45,755 |
| 2007 | 1,341,952.97 | 827,543 | 817,375 | 658,774 | 3.48 | 189,303 |
| 2008 | 2,055,077.55 | 1,127,037 | 1,113,188 | 1,147,397 | 3.48 | 329,712 |
| 2009 | 1,073,318.79 | 491,281 | 485,244 | 695,406 | 3.48 | 199,829 |
| 2010 | 167,461.55 | 55,225 | 54,546 | 129,661 | 3.48 | 37,259 |
| 2011 | 49,046.53 | 6,642 | 6,560 | 47,391 | 3.49 | 13,579 |
| | 119,783,845.89 | 108,425,898 | 107,093,608 | 24,668,622 | | 7,181,537 |
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 48,924,896.11 | 34,387,157 | 33,964,622 | 19,852,763 | 16.20 | 1,225,479 |
| 1975 | 63,596,124.70 | 43,858,749 | 43,319,832 | 26,635,906 | 16.72 | 1,593,057 |
| 1976 | 2,843,037.00 | 1,922,376 | 1,898,755 | 1,228,586 | 17.25 | 71,222 |
| 1977 | 1,465,526.00 | 971,003 | 959,072 | 653,007 | 17.78 | 36,727 |
| 1978 | 140,820.00 | 91,366 | 90,243 | 64,659 | 18.31 | 3,531 |
| 1979 | 151,594.00 | 96,272 | 95,089 | 71,664 | 18.83 | 3,806 |
| 1980 | 2,565,620.00 | 1,592,981 | 1,573,407 | 1,248,775 | 19.36 | 64,503 |
| 1981 | 1,012,788.00 | 614,575 | 607,023 | 507,043 | 19.88 | 25,505 |
| 1982 | 411,928.00 | 244,037 | 241,038 | 212,082 | 20.40 | 10,396 |
| 1983 | 1,160,252.00 | 670,582 | 662,342 | 613,935 | 20.91 | 29,361 |
| 1984 | 634,531.00 | 357,417 | 353,025 | 344,959 | 21.42 | 16,105 |
| 1985 | 5,026,589.00 | 2,758,321 | 2,724,428 | 2,804,820 | 21.91 | 128,016 |
| 1987 | 4,588,909.00 | 2,379,886 | 2,350,643 | 2,697,157 | 22.88 | 117,883 |
| 1988 | 9,059,736.00 | 4,560,408 | 4,504,372 | 5,461,338 | 23.35 | 233,890 |
| 1989 | 8,623,630.00 | 4,206,374 | 4,154,688 | 5,331,305 | 23.81 | 223,910 |
| 1990 | 1,675,667.00 | 790,821 | 781,104 | 1,062,130 | 24.26 | 43,781 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1991 | 592,593.00 | 270,291 | 266,970 | 384,883 | 24.69 | 15,589 |
| 1992 | 5,384,183.00 | 2,368,211 | 2,339,111 | 3,583,490 | 25.11 | 142,712 |
| 1993 | 421,306.00 | 178,312 | 176,121 | 287,316 | 25.52 | 11,258 |
| 1994 | 756,102.00 | 307,060 | 303,287 | 528,425 | 25.92 | 20,387 |
| 1996 | 7,013,390.68 | 2,604,801 | 2,572,794 | 5,141,935 | 26.66 | 192,871 |
| 1998 | 5,635,444.00 | 1,886,042 | 1,862,867 | 4,336,121 | 27.35 | 158,542 |
| 1999 | 9,247,095.00 | 2,915,239 | 2,879,418 | 7,292,387 | 27.68 | 263,453 |
| 2000 | 35,867,258.00 | 10,598,129 | 10,467,904 | 28,986,080 | 27.99 | 1,035,587 |
| 2001 | 604,367.00 | 166,201 | 164,159 | 500,645 | 28.29 | 17,697 |
| 2002 | 3,852,705.00 | 977,659 | 965,646 | 3,272,330 | 28.58 | 114,497 |
| 2003 | 322,040,872.00 | 74,628,786 | 73,711,780 | 280,533,179 | 28.85 | 9,723,854 |
| 2004 | 14,061,739.00 | 2,939,522 | 2,903,402 | 12,564,510 | 29.11 | 431,622 |
| 2005 | 5,900,004.00 | 1,092,073 | 1,078,654 | 5,411,350 | 29.36 | 184,310 |
| 2006 | 1,158,741.00 | 185,456 | 183,177 | 1,091,438 | 29.60 | 36,873 |
| 2007 | 38,859,891.48 | 5,222,264 | 5,158,095 | 37,587,786 | 29.82 | 1,260,489 |
| 2008 | 30,260,438.97 | 3,231,452 | 3,191,745 | 30,094,738 | 30.04 | 1,001,822 |
| 2009 | 17,664,027.90 | 1,384,418 | 1,367,407 | 18,063,024 | 30.24 | 597,322 |
| 2010 | 49,156,126.83 | 2,361,313 | 2,332,298 | 51,739,441 | 30.44 | 1,699,719 |
| 2011 | 11,857,272.52 | 197,210 | 194,787 | 12,848,213 | 30.62 | 419,602 |
| | 712,215,205.19 | 213,016,764 | 210,399,306 | 573,037,420 | | 21,155,378 |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1949 | 1,287,529.00 | 1,386,214 | 1,369,181 | 47,101 | 0.94 | 47,101 |
| 1950 | 2,714,562.00 | 2,922,416 | 2,886,507 | 99,512 | 0.94 | 99,512 |
| 1955 | 1,921,191.72 | 2,066,311 | 2,040,921 | 72,390 | 0.96 | 72,390 |
| 1960 | 157,593.00 | 169,317 | 167,237 | 6,116 | 0.97 | 6,116 |
| 1965 | 20,354.00 | 21,835 | 21,567 | 823 | 0.98 | 823 |
| 1967 | 1,920.00 | 2,058 | 2,033 | 79 | 0.98 | 79 |
| 1968 | 140,825.00 | 150,912 | 149,058 | 5,850 | 0.98 | 5,850 |
| 1969 | 278,548.00 | 298,381 | 294,715 | 11,688 | 0.98 | 11,688 |
| 1970 | 1,542.00 | 1,651 | 1,631 | 65 | 0.98 | 65 |
| 1971 | 20,957.00 | 22,430 | 22,154 | 898 | 0.98 | 898 |
| 1973 | 3,249,281.00 | 3,473,023 | 3,430,348 | 143,861 | 0.99 | 143,861 |
| 1974 | 6,624.00 | 7,076 | 6,989 | 297 | 0.99 | 297 |
| 1975 | 76,356.00 | 81,518 | 80,516 | 3,475 | 0.99 | 3,475 |
| 1976 | 46,968.00 | 50,111 | 49,495 | 2,170 | 0.99 | 2,170 |
| 1977 | 997,631.00 | 1,063,649 | 1,050,579 | 46,815 | 0.99 | 46,815 |
| 1978 | 551,762.00 | 587,838 | 580,615 | 26,323 | 0.99 | 26,323 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1979 | 25,257.00 | 26,887 | 26,557 | 1,226 | 0.99 | 1,226 |
| 1980 | 324,091.00 | 344,711 | 340,475 | 16,025 | 0.99 | 16,025 |
| 1981 | 803,135.00 | 853,455 | 842,968 | 40,480 | 0.99 | 40,480 |
| 1982 | 139,051.00 | 147,616 | 145,802 | 7,154 | 0.99 | 7,154 |
| 1983 | 760,242.00 | 806,219 | 796,313 | 39,954 | 0.99 | 39,954 |
| 1984 | 25,783.00 | 27,311 | 26,975 | 1,386 | 0.99 | 1,386 |
| 1985 | 11,905.00 | 12,595 | 12,440 | 655 | 0.99 | 655 |
| 1986 | 1,345,455.00 | 1,421,511 | 1,404,044 | 75,956 | 0.99 | 75,956 |
| 1987 | 5,328,778.00 | 5,621,738 | 5,552,660 | 308,995 | 0.99 | 308,995 |
| 1988 | 3,410,574.00 | 3,592,375 | 3,548,233 | 203,398 | 0.99 | 203,398 |
| 1989 | 17,830,098.00 | 18,747,777 | 18,517,412 | 1,095,695 | 0.99 | 1,095,695 |
| 1990 | 1,147,033.00 | 1,203,217 | 1,188,432 | 73,304 | 1.00 | 73,304 |
| 1991 | 1,337,277.00 | 1,399,808 | 1,382,608 | 88,397 | 1.00 | 88,397 |
| 1992 | 2,154,912.00 | 2,250,437 | 2,222,785 | 147,619 | 1.00 | 147,619 |
| 1993 | 2,192,191.00 | 2,283,485 | 2,255,427 | 155,984 | 1.00 | 155,984 |
| 1994 | 865,194.00 | 898,636 | 887,594 | 64,119 | 1.00 | 64,119 |
| 1995 | 164,976.00 | 170,799 | 168,700 | 12,773 | 1.00 | 12,773 |
| 1996 | 431,846.00 | 445,469 | 439,995 | 35,035 | 1.00 | 35,035 |
| 1997 | 740,405.00 | 760,619 | 751,273 | 63,173 | 1.00 | 63,173 |
| 1998 | 111,013.00 | 113,503 | 112,108 | 10,006 | 1.00 | 10,006 |
| 1999 | 14,739.00 | 14,987 | 14,803 | 1,410 | 1.00 | 1,410 |
| 2000 | 1,620,851.00 | 1,637,752 | 1,617,628 | 165,308 | 1.00 | 165,308 |
| 2001 | 1,734,880.00 | 1,739,783 | 1,718,405 | 189,963 | 1.00 | 189,963 |
| 2002 | 206,405.00 | 205,108 | 202,588 | 24,458 | 1.00 | 24,458 |
| 2003 | 88,716.00 | 87,184 | 86,113 | 11,475 | 1.00 | 11,475 |
| 2004 | 550,417.75 | 533,464 | 526,909 | 78,551 | 1.00 | 78,551 |
| 2005 | 152,343.00 | 145,023 | 143,241 | 24,336 | 1.00 | 24,336 |
| 2006 | 13,720,721.00 | 12,752,806 | 12,596,105 | 2,496,688 | 1.00 | 2,496,688 |
| 2007 | 601,660.83 | 540,613 | 533,970 | 127,857 | 1.00 | 127,857 |
| 2008 | 513,348.51 | 438,640 | 433,250 | 131,433 | 1.00 | 131,433 |
| 2009 | 672,140.21 | 527,507 | 521,025 | 218,329 | 1.00 | 218,329 |
| 2010 | 27,758.36 | 18,271 | 18,046 | 12,488 | 1.00 | 12,488 |
| 2011 | 52,380.53 | 19,206 | 18,970 | 38,649 | 1.00 | 38,649 |
| | 70,579,220.91 | 72,093,252 | 71,207,401 | 6,429,742 | | 6,429,742 |
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1972 | 24,578,316.29 | 17,987,960 | 17,766,932 | 9,269,216 | 15.00 | 617,948 |
| 1973 | 2,646,992.00 | 1,904,916 | 1,881,509 | 1,030,182 | 15.48 | 66,549 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 132,762.00 | 93,875 | 92,722 | 53,317 | 15.97 | 3,339 |
| 1975 | 339,635.00 | 235,842 | 232,944 | 140,654 | 16.46 | 8,545 |
| 1976 | 11,120.00 | 7,581 | 7,488 | 4,744 | 16.94 | 280 |
| 1977 | 42,905.00 | 28,689 | 28,336 | 18,859 | 17.43 | 1,082 |
| 1978 | 3,029,573.00 | 1,986,455 | 1,962,046 | 1,370,484 | 17.91 | 76,521 |
| 1979 | 135,358.00 | 86,958 | 85,889 | 63,004 | 18.39 | 3,426 |
| 1980 | 81,542.00 | 51,281 | 50,651 | 39,045 | 18.87 | 2,069 |
| 1981 | 3,259,112.00 | 2,006,466 | 1,981,811 | 1,603,212 | 19.33 | 82,939 |
| 1982 | 27,844.00 | 16,757 | 16,551 | 14,077 | 19.80 | 711 |
| 1983 | 375,680.00 | 220,918 | 218,203 | 195,045 | 20.25 | 9,632 |
| 1984 | 221,148.00 | 126,998 | 125,438 | 117,825 | 20.69 | 5,695 |
| 1985 | 329,329.00 | 184,457 | 182,190 | 180,071 | 21.13 | 8,522 |
| 1986 | 1,169,820.00 | 638,588 | 630,741 | 656,061 | 21.55 | 30,444 |
| 1988 | 452,547.00 | 233,793 | 230,920 | 266,881 | 22.37 | 11,930 |
| 1989 | 1,289,146.00 | 646,664 | 638,718 | 779,343 | 22.76 | 34,242 |
| 1990 | 33,920.00 | 16,506 | 16,303 | 21,009 | 23.13 | 908 |
| 1991 | 518,129.00 | 243,981 | 240,983 | 328,959 | 23.50 | 13,998 |
| 1992 | 5,382,482.00 | 2,449,524 | 2,419,425 | 3,501,305 | 23.85 | 146,805 |
| 1993 | 527,994.00 | 231,742 | 228,894 | 351,899 | 24.19 | 14,547 |
| 1994 | 1,176,920.00 | 496,820 | 490,715 | 803,897 | 24.52 | 32,785 |
| 1995 | 4,669,667.00 | 1,892,079 | 1,868,830 | 3,267,804 | 24.83 | 131,607 |
| 1996 | 86,380.00 | 33,477 | 33,066 | 61,952 | 25.13 | 2,465 |
| 1997 | 89,066.00 | 32,896 | 32,492 | 65,481 | 25.42 | 2,576 |
| 1998 | 26,162.00 | 9,178 | 9,065 | 19,713 | 25.69 | 767 |
| 1999 | 404,531.00 | 134,154 | 132,506 | 312,479 | 25.95 | 12,042 |
| 2000 | 401,190.00 | 124,846 | 123,312 | 317,997 | 26.21 | 12,133 |
| 2001 | 4,316,922.00 | 1,253,872 | 1,238,465 | 3,510,149 | 26.45 | 132,709 |
| 2002 | 63,598,454.00 | 17,103,405 | 16,893,246 | 53,065,054 | 26.67 | 1,989,691 |
| 2003 | 1,991,971.00 | 490,230 | 484,206 | 1,706,962 | 26.89 | 63,479 |
| 2004 | 2,197,454.00 | 488,854 | 482,847 | 1,934,352 | 27.10 | 71,378 |
| 2005 | 295,381.00 | 58,303 | 57,587 | 267,333 | 27.30 | 9,792 |
| 2006 | 728,602.00 | 125,044 | 123,508 | 677,955 | 27.48 | 24,671 |
| 2007 | 1,136,876.74 | 163,836 | 161,823 | 1,088,742 | 27.66 | 39,362 |
| 2008 | 7,379,107.16 | 851,150 | 840,691 | 7,276,326 | 27.83 | 261,456 |
| 2009 | 1,220,765.04 | 103,600 | 102,327 | 1,240,515 | 27.99 | 44,320 |
| 2010 | 390,309,700.16 | 20,342,161 | 20,092,205 | 409,248,465 | 28.15 | 14,538,134 |
| 2011 | 28,099,278.00 | 505,056 | 498,850 | 30,410,356 | 28.29 | 1,074,951 |
| | 552,713,781.39 | 73,608,912 | 72,704,438 | 535,280,722 | | 19,584,450 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1951 | 4,448,628.63 | 4,317,479 | 4,264,428 | 629,064 | 5.27 | 119,367 |
| 1958 | 5,835,108.19 | 5,531,437 | 5,463,469 | 955,150 | 6.09 | 156,839 |
| 1960 | 186,068.00 | 175,181 | 173,028 | 31,646 | 6.30 | 5,023 |
| 1965 | 80,050.00 | 74,004 | 73,095 | 14,960 | 6.78 | 2,206 |
| 1967 | 52,386.00 | 48,039 | 47,449 | 10,176 | 6.96 | 1,462 |
| 1968 | 22,789.00 | 20,813 | 20,557 | 4,511 | 7.04 | 641 |
| 1969 | 90,563.00 | 82,357 | 81,345 | 18,274 | 7.12 | 2,567 |
| 1970 | 2,102,285.00 | 1,903,777 | 1,880,384 | 432,129 | 7.19 | 60,101 |
| 1971 | 257.00 | 232 | 229 | 54 | 7.26 | 7 |
| 1972 | 1,709.00 | 1,534 | 1,515 | 365 | 7.33 | 50 |
| 1973 | 2,459,131.00 | 2,195,820 | 2,168,839 | 536,205 | 7.40 | 72,460 |
| 1975 | 229,552.00 | 202,890 | 200,397 | 52,110 | 7.52 | 6,930 |
| 1976 | 3,312,899.00 | 2,911,889 | 2,876,109 | 768,080 | 7.58 | 101,330 |
| 1977 | 322,275.00 | 281,695 | 278,234 | 76,269 | 7.63 | 9,996 |
| 1978 | 225,344.00 | 195,794 | 193,388 | 54,490 | 7.68 | 7,095 |
| 1979 | 74,047.00 | 63,933 | 63,147 | 18,304 | 7.73 | 2,368 |
| 1980 | 25,615.00 | 21,975 | 21,705 | 6,472 | 7.77 | 833 |
| 1981 | 570,607.00 | 485,972 | 480,001 | 147,667 | 7.82 | 18,883 |
| 1983 | 690,687.00 | 579,352 | 572,233 | 187,523 | 7.90 | 23,737 |
| 1984 | 15,676.00 | 13,044 | 12,884 | 4,360 | 7.93 | 550 |
| 1985 | 167,882.00 | 138,431 | 136,730 | 47,940 | 7.97 | 6,015 |
| 1986 | 66,561.00 | 54,377 | 53,709 | 19,508 | 8.00 | 2,438 |
| 1987 | 1,050,831.00 | 849,886 | 839,443 | 316,471 | 8.03 | 39,411 |
| 1989 | 1,305,372.00 | 1,032,491 | 1,019,804 | 416,105 | 8.08 | 51,498 |
| 1990 | 2,726,697.00 | 2,129,370 | 2,103,205 | 896,161 | 8.11 | 110,501 |
| 1991 | 10,842,454.00 | 8,353,937 | 8,251,287 | 3,675,412 | 8.13 | 452,080 |
| 1992 | 4,217,989.00 | 3,202,521 | 3,163,170 | 1,476,618 | 8.15 | 181,180 |
| 1993 | 8,946,200.00 | 6,680,342 | 6,598,257 | 3,242,563 | 8.18 | 396,401 |
| 1994 | 411,302.00 | 301,745 | 298,037 | 154,395 | 8.20 | 18,829 |
| 1995 | 647,265.00 | 465,970 | 460,244 | 251,747 | 8.21 | 30,663 |
| 1997 | 356,202.00 | 244,889 | 241,880 | 149,942 | 8.25 | 18,175 |
| 1998 | 109,672.00 | 73,435 | 72,533 | 48,107 | 8.26 | 5,824 |
| 1999 | 21,810.00 | 14,162 | 13,988 | 10,003 | 8.28 | 1,208 |
| 2000 | 78,590.00 | 49,317 | 48,711 | 37,738 | 8.29 | 4,552 |
| 2001 | 57,311.00 | 34,555 | 34,130 | 28,912 | 8.31 | 3,479 |
| 2002 | 7,133,754.00 | 4,107,815 | 4,057,340 | 3,789,789 | 8.32 | 455,503 |
| 2003 | 264,987.00 | 144,597 | 142,820 | 148,665 | 8.33 | 17,847 |
| 2004 | 1,328,696.00 | 680,183 | 671,825 | 789,740 | 8.34 | 94,693 |
| 2005 | 700,319.00 | 331,574 | 327,500 | 442,851 | 8.35 | 53,036 |
| 2006 | 900,475.62 | 386,532 | 381,782 | 608,741 | 8.36 | 72,816 |
| 2007 | 1,275,129.00 | 481,850 | 475,929 | 926,713 | 8.37 | 110,718 |
| 2008 | 10,469,069.43 | 3,337,675 | 3,296,663 | 8,219,313 | 8.38 | 980,825 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 2,950,086.03 | 731,120 | 722,136 | 2,522,958 | 8.39 | 300,710 |
| 2010 | 822,841.31 | 134,809 | 133,153 | 771,973 | 8.40 | 91,902 |
| 2011 | 82,925.73 | 5,028 | 4,966 | 86,252 | 8.40 | 10,268 |
| | 77,680,097.94 | 53,073,828 | 52,421,680 | 33,026,428 | | 4,103,017 |
| CLIFFSIDE UNIT 6 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2007 | 3,681.91 | 465 | 459 | 3,591 | 31.81 | 113 |
| 2010 | 200,759,416.22 | 9,036,583 | 8,925,546 | 211,909,812 | 32.58 | 6,504,291 |
| 2011 | 8,436,248.49 | 128,341 | 126,764 | 9,153,109 | 32.81 | 278,973 |
| | 209,199,346.62 | 9,165,389 | 9,052,769 | 221,066,512 | | 6,783,377 |
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1957 | 1,544,394.41 | 1,392,908 | 1,375,793 | 323,041 | 8.08 | 39,980 |
| 1958 | 418.00 | 374 | 369 | 90 | 8.35 | 11 |
| 1959 | 3,833,872.89 | 3,406,197 | 3,364,343 | 852,917 | 8.61 | 99,061 |
| 1960 | 2,384,701.82 | 2,102,184 | 2,076,353 | 546,819 | 8.88 | 61,579 |
| 1961 | 8,440,268.00 | 7,383,335 | 7,292,612 | 1,991,683 | 9.14 | 217,908 |
| 1962 | 117,338.00 | 101,809 | 100,558 | 28,514 | 9.41 | 3,030 |
| 1963 | 40,025.00 | 34,449 | 34,026 | 10,002 | 9.67 | 1,034 |
| 1964 | 55,069.00 | 47,010 | 46,432 | 14,144 | 9.93 | 1,424 |
| 1965 | 8,731.00 | 7,390 | 7,299 | 2,305 | 10.19 | 226 |
| 1966 | 1,447,816.00 | 1,215,232 | 1,200,300 | 392,298 | 10.44 | 37,576 |
| 1967 | 30,473.00 | 25,358 | 25,046 | 8,474 | 10.69 | 793 |
| 1968 | 182,652.00 | 150,642 | 148,791 | 52,126 | 10.94 | 4,765 |
| 1969 | 157,544.00 | 128,769 | 127,187 | 46,112 | 11.18 | 4,125 |
| 1970 | 284,041.00 | 230,022 | 227,196 | 85,250 | 11.42 | 7,465 |
| 1972 | 2,434,025.00 | 1,933,906 | 1,910,143 | 767,285 | 11.88 | 64,586 |
| 1973 | 3,524,108.00 | 2,771,672 | 2,737,615 | 1,138,904 | 12.11 | 94,047 |
| 1974 | 1,601,943.00 | 1,247,452 | 1,232,124 | 530,013 | 12.32 | 43,021 |
| 1975 | 1,570,874.00 | 1,210,489 | 1,195,615 | 532,346 | 12.53 | 42,486 |
| 1976 | 1,004,556.00 | 765,895 | 756,484 | 348,528 | 12.73 | 27,378 |
| 1978 | 1,351,981.00 | 1,007,906 | 995,521 | 491,658 | 13.11 | 37,503 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1979 | 76,781.00 | 56,572 | 55,877 | 28,582 | 13.29 | 2,151 |
| 1980 | 13,272.00 | 9,661 | 9,542 | 5,057 | 13.46 | 376 |
| 1981 | 2,005,772.00 | 1,441,893 | 1,424,176 | 782,174 | 13.62 | 57,428 |
| 1982 | 1,844,603.00 | 1,308,441 | 1,292,363 | 736,700 | 13.78 | 53,462 |
| 1983 | 285,883.00 | 200,007 | 197,549 | 116,922 | 13.93 | 8,394 |
| 1984 | 117,269.00 | 80,879 | 79,885 | 49,111 | 14.07 | 3,490 |
| 1985 | 3,174,091.00 | 2,156,001 | 2,129,509 | 1,361,991 | 14.21 | 95,847 |
| 1986 | 63,114.00 | 42,187 | 41,669 | 27,757 | 14.34 | 1,936 |
| 1987 | 3,434,351.00 | 2,257,832 | 2,230,089 | 1,547,697 | 14.46 | 107,033 |
| 1988 | 885,618.00 | 572,087 | 565,057 | 409,122 | 14.57 | 28,080 |
| 1989 | 27,575,348.97 | 17,478,111 | 17,263,347 | 13,069,536 | 14.68 | 890,295 |
| 1990 | 24,191,024.00 | 15,024,610 | 14,839,994 | 11,770,132 | 14.79 | 795,817 |
| 1991 | 5,245,629.00 | 3,187,743 | 3,148,573 | 2,621,619 | 14.89 | 176,066 |
| 1992 | 4,950,288.00 | 2,940,090 | 2,903,963 | 2,541,353 | 14.98 | 169,650 |
| 1993 | 2,394,748.00 | 1,387,050 | 1,370,007 | 1,264,216 | 15.07 | 83,890 |
| 1994 | 5,886,926.00 | 3,320,114 | 3,279,318 | 3,196,301 | 15.15 | 210,977 |
| 1995 | 2,159,364.00 | 1,182,567 | 1,168,036 | 1,207,264 | 15.23 | 79,269 |
| 1996 | 11,195,147.00 | 5,934,435 | 5,861,515 | 6,453,146 | 15.31 | 421,499 |
| 1997 | 1,612,657.00 | 825,282 | 815,141 | 958,781 | 15.38 | 62,339 |
| 1998 | 2,164,300.00 | 1,065,186 | 1,052,097 | 1,328,633 | 15.45 | 85,996 |
| 1999 | 32,210,907.00 | 15,183,320 | 14,996,754 | 20,435,244 | 15.51 | 1,317,553 |
| 2000 | 17,856,681.00 | 8,018,203 | 7,919,679 | 11,722,670 | 15.57 | 752,901 |
| 2001 | 12,848,766.00 | 5,460,391 | 5,393,296 | 8,740,347 | 15.63 | 559,203 |
| 2002 | 29,848,351.00 | 11,922,387 | 11,775,890 | 21,057,296 | 15.68 | 1,342,940 |
| 2003 | 3,509,860.00 | 1,304,812 | 1,288,779 | 2,572,067 | 15.73 | 163,513 |
| 2004 | 7,744,335.00 | 2,643,459 | 2,610,977 | 5,907,791 | 15.78 | 374,385 |
| 2005 | 616,787.00 | 190,276 | 187,938 | 490,528 | 15.83 | 30,987 |
| 2006 | 7,188,066.00 | 1,962,644 | 1,938,528 | 5,968,345 | 15.87 | 376,077 |
| 2007 | 2,941,884.55 | 688,539 | 680,079 | 2,555,994 | 15.91 | 160,653 |
| 2008 | 3,235,127.38 | 617,709 | 610,119 | 2,948,521 | 15.95 | 184,860 |
| 2009 | 553,532,245.42 | 79,794,441 | 78,813,961 | 530,071,509 | 15.98 | 33,170,933 |
| 2010 | 4,488,027.85 | 407,140 | 402,137 | 4,534,693 | 16.02 | 283,064 |
| 2011 | 11,113,007.57 | 354,994 | 350,632 | 11,873,676 | 16.05 | 739,793 |
| | 816,425,062.86 | 214,182,062 | 211,550,285 | 686,517,284 | | 43,578,855 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2008 | 41,418.89 | 4,156 | 4,105 | 41,456 | 32.08 | 1,292 |
| 2009 | 71,661.67 | 5,234 | 5,170 | 73,658 | 32.34 | 2,278 |
| 2010 | 33,866.38 | 1,524 | 1,505 | 35,748 | 32.58 | 1,097 |
| 2011 | 394,232.65 | 5,997 | 5,923 | 427,733 | 32.81 | 13,037 |
| | 541,179.59 | 16,911 | 16,703 | 578,595 | | 17,704 |
| | 3,133,269,067.64 | 902,932,208 | 891,837,368 | 2,554,758,607 | | 129,133,331 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.8 4.12

DUKE ENERGY CAROLINAS

ACCOUNT 312.1 BOILER PLANT EQUIPMENT - CLEAN AIR FACILITIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| FULLY ACCRUED | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2011 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2003 | 3,588,791.00 | 3,947,670 | 3,947,670 | | | |
| 2004 | 159,577.00 | 175,535 | 175,535 | | | |
| 2005 | 18,054,673.00 | 19,860,140 | 19,860,140 | | | |
| 2006 | 9,817,281.67 | 10,799,010 | 10,799,010 | | | |
| 2007 | 463,346,347.13 | 509,680,982 | 509,680,982 | | | |
| 2008 | 545,085,415.79 | 599,593,957 | 599,593,957 | | | |
| 2009 | 0.57 | 1 | 1 | | | |
| 2010 | 2,654,667.03 | 2,920,134 | 2,920,134 | | | |
| | 1,042,706,753.19 | 1,146,977,429 | 1,146,977,429 | | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1965 | 8,915,893.41 | 5,980,527 | 7,005,604 | 2,356,084 | 19.72 | 119,477 |
| 1966 | 9,590,029.00 | 6,382,773 | 7,476,796 | 2,592,735 | 19.87 | 130,485 |
| 1969 | 9,424,419.26 | 6,118,276 | 7,166,963 | 2,728,677 | 20.30 | 134,418 |
| 1970 | 8,912,015.93 | 5,732,663 | 6,715,255 | 2,642,361 | 20.45 | 129,211 |
| 1971 | 15,620.00 | 9,955 | 11,661 | 4,740 | 20.59 | 230 |
| 1972 | 11,110.00 | 7,016 | 8,219 | 3,447 | 20.72 | 166 |
| 1974 | 1,294.00 | 800 | 937 | 422 | 21.00 | 20 |
| 1977 | 1,317,884.00 | 788,062 | 923,138 | 460,640 | 21.40 | 21,525 |
| 1978 | 44,099.00 | 26,050 | 30,515 | 15,789 | 21.53 | 733 |
| 1979 | 9,581.00 | 5,587 | 6,545 | 3,515 | 21.66 | 162 |
| 1982 | 1,279.00 | 714 | 836 | 507 | 22.05 | 23 |
| 1983 | 4,239.00 | 2,330 | 2,729 | 1,722 | 22.18 | 78 |
| 1984 | 106,496.00 | 57,589 | 67,460 | 44,361 | 22.30 | 1,989 |
| 1985 | 7,699.00 | 4,089 | 4,790 | 3,294 | 22.43 | 147 |
| 1987 | 955,035.00 | 488,006 | 571,651 | 431,135 | 22.68 | 19,009 |
| 1988 | 1,398,694.00 | 699,919 | 819,887 | 648,742 | 22.80 | 28,454 |
| 1989 | 140,962.00 | 68,970 | 80,792 | 67,218 | 22.92 | 2,933 |
| 1990 | 182,440.00 | 87,147 | 102,084 | 89,478 | 23.04 | 3,884 |
| 1999 | 5,150,414.71 | 1,773,478 | 2,077,456 | 3,330,479 | 24.10 | 138,194 |
| 2000 | 34,537.00 | 11,227 | 13,151 | 23,113 | 24.22 | 954 |
| 2001 | 17,134,774.00 | 5,229,593 | 6,125,958 | 11,865,555 | 24.33 | 487,692 |
| 2002 | 2,054,649.00 | 583,938 | 684,026 | 1,473,355 | 24.44 | 60,285 |
| 2003 | 16,688,448.00 | 4,371,255 | 5,120,499 | 12,402,372 | 24.55 | 505,188 |
| 2004 | 1,289,395.00 | 306,515 | 359,052 | 994,812 | 24.67 | 40,325 |
| 2005 | 862,480.00 | 183,340 | 214,765 | 690,839 | 24.78 | 27,879 |
| 2006 | 18,733,984.00 | 3,480,137 | 4,076,641 | 15,594,042 | 24.89 | 626,518 |
| 2007 | 407,244.50 | 63,872 | 74,820 | 352,787 | 25.00 | 14,111 |
| 2008 | 10,013,522.36 | 1,267,276 | 1,484,490 | 9,029,708 | 25.10 | 359,749 |
| 2009 | 1,106,426.75 | 103,663 | 121,431 | 1,040,317 | 25.21 | 41,266 |
| 2010 | 728,716.65 | 42,527 | 49,816 | 715,336 | 25.32 | 28,252 |
| 2011 | 12,521,051.53 | 253,476 | 296,922 | 12,850,182 | 25.43 | 505,316 |
| | 127,764,433.10 | 44,130,770 | 51,694,891 | 82,457,764 | | 3,428,673 |
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1952 | 4,359,286.00 | 4,275,472 | 4,577,250 | | | |
| 1954 | 4,360,653.01 | 4,270,128 | 4,578,686 | | | |
| 1960 | 33,082.00 | 32,221 | 34,736 | | | |
| 1961 | 4,905.00 | 4,773 | 5,150 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1962 | 698.00 | 678 | 733 | | | |
| 1970 | 534,558.00 | 513,863 | 561,286 | | | |
| 1972 | 29,419.00 | 28,177 | 30,890 | | | |
| 1973 | 22,844.00 | 21,839 | 23,986 | | | |
| 1974 | 120,455.00 | 114,934 | 126,478 | | | |
| 1975 | 755,904.00 | 719,552 | 793,699 | | | |
| 1979 | 2,042.00 | 1,925 | 2,144 | | | |
| 1980 | 27,483.00 | 25,831 | 28,857 | | | |
| 1981 | 6,444.00 | 6,038 | 6,766 | | | |
| 1982 | 1,016.00 | 949 | 1,067 | | | |
| 1983 | 70,205.00 | 65,329 | 73,715 | | | |
| 1984 | 3,989,824.00 | 3,698,956 | 4,189,315 | | | |
| 1985 | 51,641.00 | 47,688 | 54,223 | | | |
| 1990 | 3,636,483.00 | 3,272,595 | 3,818,307 | | | |
| 1991 | 9,852,334.00 | 8,804,794 | 10,344,951 | | | |
| 1993 | 9,831,803.00 | 8,655,030 | 10,323,393 | | | |
| 1994 | 110,961.00 | 96,835 | 116,509 | | | |
| 1998 | 173,302.00 | 144,202 | 181,967 | | | |
| 2000 | 1,663,616.00 | 1,337,522 | 1,746,797 | | | |
| 2002 | 947,008.00 | 725,484 | 956,284 | 38,074 | 3.48 | 10,941 |
| 2004 | 1,974,055.00 | 1,412,211 | 1,861,481 | 211,277 | 3.48 | 60,712 |
| 2006 | 2,335,891.00 | 1,497,340 | 1,973,692 | 478,993 | 3.49 | 137,247 |
| 2007 | 1,700,636.00 | 1,003,742 | 1,323,065 | 462,603 | 3.49 | 132,551 |
| 2008 | 397,001.36 | 208,426 | 274,733 | 142,118 | 3.49 | 40,721 |
| 2009 | 14,841.90 | 6,504 | 8,573 | 7,011 | 3.49 | 2,009 |
| 2010 | 4,441.50 | 1,402 | 1,848 | 2,816 | 3.49 | 807 |
| 2011 | 21,019.88 | 2,759 | 3,637 | 18,434 | 3.50 | 5,267 |
| | 47,033,852.65 | 40,997,199 | 48,024,219 | 1,361,326 | | 390,255 |
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1974 | 13,839,512.00 | 7,904,403 | 9,259,237 | 5,272,251 | 24.59 | 214,406 |
| 1975 | 17,110,659.59 | 9,650,540 | 11,304,666 | 6,661,526 | 24.79 | 268,718 |
| 1976 | 566,146.00 | 315,114 | 369,125 | 225,328 | 24.99 | 9,017 |
| 1977 | 1,519,874.00 | 834,368 | 977,381 | 618,487 | 25.19 | 24,553 |
| 1978 | 66,096.00 | 35,767 | 41,898 | 27,503 | 25.39 | 1,083 |
| 1979 | 16,956.00 | 9,042 | 10,592 | 7,212 | 25.58 | 282 |
| 1980 | 16,325.00 | 8,569 | 10,038 | 7,104 | 25.78 | 276 |
| 1981 | 938.00 | 484 | 567 | 418 | 25.97 | 16 |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1983 | 34,406.00 | 17,153 | 20,093 | 16,033 | 26.36 | 608 |
| 1984 | 22,415.00 | 10,965 | 12,844 | 10,691 | 26.55 | 403 |
| 1985 | 8,407.00 | 4,032 | 4,723 | 4,104 | 26.74 | 153 |
| 1987 | 551,988.00 | 253,413 | 296,849 | 282,739 | 27.12 | 10,425 |
| 1988 | 21,273.00 | 9,542 | 11,178 | 11,159 | 27.30 | 409 |
| 1989 | 269,206.00 | 117,722 | 137,900 | 144,766 | 27.49 | 5,266 |
| 1990 | 986,436.00 | 419,865 | 491,831 | 543,927 | 27.68 | 19,651 |
| 1992 | 481,576.00 | 193,281 | 226,410 | 279,245 | 28.04 | 9,959 |
| 1993 | 219,144.00 | 85,075 | 99,657 | 130,444 | 28.23 | 4,621 |
| 1994 | 622,191.00 | 233,196 | 273,166 | 380,134 | 28.41 | 13,380 |
| 1995 | 648,464.00 | 233,994 | 274,101 | 406,786 | 28.59 | 14,228 |
| 1996 | 604,047.00 | 209,099 | 244,939 | 389,310 | 28.77 | 13,532 |
| 1999 | 1,778,594.00 | 530,190 | 621,066 | 1,246,458 | 29.31 | 42,527 |
| 2000 | 21,564,567.00 | 6,049,023 | 7,085,840 | 15,556,955 | 29.49 | 527,533 |
| 2004 | 18,001,774.00 | 3,627,645 | 4,249,432 | 14,652,430 | 30.19 | 485,341 |
| 2005 | 2,139,524.00 | 382,916 | 448,549 | 1,797,951 | 30.37 | 59,202 |
| 2006 | 1,911,143.00 | 297,694 | 348,719 | 1,657,981 | 30.54 | 54,289 |
| 2007 | 1,460,152.93 | 190,986 | 223,721 | 1,309,439 | 30.71 | 42,639 |
| 2008 | 695,787.70 | 72,846 | 85,332 | 645,245 | 30.88 | 20,895 |
| 2009 | 43,249,742.49 | 3,333,712 | 3,905,118 | 41,507,111 | 31.05 | 1,336,783 |
| 2010 | 49,338,707.30 | 2,359,747 | 2,764,213 | 49,041,429 | 31.22 | 1,570,834 |
| 2011 | 387,572.91 | 6,255 | 7,327 | 399,624 | 31.40 | 12,727 |
| | 178,133,624.92 | 37,396,638 | 43,806,513 | 143,233,793 | | 4,763,756 |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1949 | 573,716.00 | 590,685 | 602,402 | | | |
| 1950 | 614,045.00 | 632,091 | 644,747 | | | |
| 1955 | 3,128,202.00 | 3,216,752 | 3,284,612 | | | |
| 1960 | 24,556.00 | 25,218 | 25,784 | | | |
| 1961 | 2,480.00 | 2,546 | 2,604 | | | |
| 1971 | 1,899.00 | 1,942 | 1,994 | | | |
| 1978 | 2,926.00 | 2,978 | 3,072 | | | |
| 1980 | 253,400.00 | 257,476 | 266,070 | | | |
| 1981 | 515,041.00 | 522,833 | 540,793 | | | |
| 1983 | 20,215.00 | 20,478 | 21,226 | | | |
| 1984 | 6,974.00 | 7,054 | 7,323 | | | |
| 1985 | 4,651,397.00 | 4,698,767 | 4,883,967 | | | |
| 1986 | 517,777.00 | 522,327 | 543,666 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1987 | 5,723,744.00 | 5,765,507 | 6,009,931 | | | |
| 1988 | 55,932.00 | 56,250 | 58,729 | | | |
| 1989 | 3,057,061.00 | 3,069,063 | 3,209,914 | | | |
| 1993 | 53,288.00 | 53,022 | 55,952 | | | |
| 1994 | 15,708.00 | 15,585 | 16,493 | | | |
| 1995 | 97,985.00 | 96,903 | 102,884 | | | |
| 1997 | 85,998.00 | 84,392 | 90,298 | | | |
| 1998 | 77,255.00 | 75,457 | 81,118 | | | |
| 2001 | 660,529.00 | 632,772 | 693,555 | | | |
| 2003 | 1,028,694.00 | 965,829 | 1,080,129 | | | |
| 2004 | 318,387.00 | 294,791 | 334,306 | | | |
| 2005 | 1,741,537.00 | 1,583,817 | 1,828,614 | | | |
| 2006 | 2,179,430.00 | 1,935,255 | 2,288,402 | | | |
| 2007 | 1,742,397.00 | 1,496,270 | 1,829,517 | | | |
| 2008 | 116,378.69 | 94,982 | 122,198 | | | |
| 2009 | 27,085.97 | 20,315 | 28,440 | | | |
| 2010 | 13,057.88 | 8,226 | 13,711 | | | |
| 2011 | 17,526.51 | 6,134 | 18,403 | | | |
| | 27,324,622.05 | 26,755,717 | 28,690,853 | | | |
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1972 | 15,371,491.35 | 9,269,401 | 11,232,705 | 4,907,361 | 22.80 | 215,235 |
| 1973 | 172,275.32 | 102,758 | 124,523 | 56,366 | 22.97 | 2,454 |
| 1976 | 4,156.00 | 2,392 | 2,899 | 1,465 | 23.49 | 62 |
| 1978 | 996,961.00 | 558,734 | 677,077 | 369,732 | 23.83 | 15,515 |
| 1979 | 11,825.00 | 6,534 | 7,918 | 4,498 | 24.00 | 187 |
| 1980 | 11,094.00 | 6,039 | 7,318 | 4,331 | 24.17 | 179 |
| 1981 | 7,044.00 | 3,776 | 4,576 | 2,820 | 24.33 | 116 |
| 1982 | 20,080.00 | 10,593 | 12,837 | 8,247 | 24.49 | 337 |
| 1984 | 63,829.00 | 32,502 | 39,386 | 27,634 | 24.82 | 1,113 |
| 1985 | 10,825.00 | 5,409 | 6,555 | 4,812 | 24.98 | 193 |
| 1988 | 11,391.00 | 5,338 | 6,469 | 5,492 | 25.46 | 216 |
| 1989 | 1,010,687.00 | 462,226 | 560,128 | 501,094 | 25.62 | 19,559 |
| 1993 | 103,850.00 | 42,377 | 51,353 | 57,690 | 26.24 | 2,199 |
| 1995 | 1,787,984.00 | 679,200 | 823,058 | 1,054,325 | 26.55 | 39,711 |
| 1996 | 63,943.00 | 23,343 | 28,287 | 38,853 | 26.70 | 1,455 |
| 1997 | 63,836.00 | 22,304 | 27,028 | 40,000 | 26.85 | 1,490 |
| 2003 | 419,031.00 | 99,630 | 120,732 | 319,250 | 27.74 | 11,509 |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2005 | 2,495,539.00 | 478,994 | 580,447 | 2,039,869 | 28.03 | 72,774 |
| 2006 | 2,953,912.00 | 493,342 | 597,834 | 2,503,773 | 28.18 | 88,849 |
| 2007 | 139,296.00 | 19,630 | 23,788 | 122,473 | 28.32 | 4,325 |
| 2008 | 374,536.56 | 42,174 | 51,107 | 342,157 | 28.47 | 12,018 |
| 2009 | 1,392,622.27 | 115,781 | 140,304 | 1,321,949 | 28.61 | 46,206 |
| 2010 | 22,716,374.41 | 1,175,198 | 1,424,111 | 22,428,083 | 28.75 | 780,107 |
| 2011 | 496,356.60 | 8,865 | 10,743 | 510,432 | 28.89 | 17,668 |
| | 50,698,939.51 | 13,666,540 | 16,561,179 | 36,672,707 | | 1,333,477 |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1951 | 4,560,650.39 | 4,110,653 | 4,788,683 | | | |
| 1958 | 5,660,646.00 | 5,034,177 | 5,943,678 | | | |
| 1960 | 107,591.00 | 95,251 | 112,971 | | | |
| 1961 | 1,256.00 | 1,109 | 1,319 | | | |
| 1962 | 27,275.00 | 24,027 | 28,639 | | | |
| 1971 | 1,744.00 | 1,493 | 1,831 | | | |
| 1976 | 11,409.00 | 9,556 | 11,979 | | | |
| 1977 | 97,494.00 | 81,220 | 102,369 | | | |
| 1978 | 33,656.00 | 27,891 | 35,339 | | | |
| 1979 | 57,420.00 | 47,300 | 60,291 | | | |
| 1983 | 18,152.00 | 14,553 | 18,680 | 379 | 8.11 | 47 |
| 1984 | 30.00 | 24 | 31 | 1 | 8.12 | |
| 1985 | 693.00 | 547 | 702 | 26 | 8.14 | 3 |
| 1989 | 251,057.00 | 190,150 | 244,078 | 19,532 | 8.19 | 2,385 |
| 1990 | 897,559.00 | 671,656 | 862,143 | 80,294 | 8.20 | 9,792 |
| 1991 | 474,003.00 | 349,900 | 449,134 | 48,569 | 8.22 | 5,909 |
| 1992 | 453,374.00 | 329,907 | 423,471 | 52,571 | 8.23 | 6,388 |
| 1993 | 86,920.00 | 62,263 | 79,921 | 11,345 | 8.24 | 1,377 |
| 1996 | 1,926,930.00 | 1,302,424 | 1,671,802 | 351,475 | 8.28 | 42,449 |
| 2002 | 66,344.00 | 36,743 | 47,164 | 22,498 | 8.35 | 2,694 |
| 2004 | 107,940.00 | 53,111 | 68,174 | 45,163 | 8.38 | 5,389 |
| 2006 | 3,232,747.00 | 1,334,197 | 1,712,586 | 1,681,798 | 8.40 | 200,214 |
| 2007 | 132,480.00 | 48,205 | 61,876 | 77,228 | 8.41 | 9,183 |
| 2008 | 1,006,181.42 | 308,960 | 396,584 | 659,907 | 8.42 | 78,374 |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2009 | 234,436.15 | 56,129 | 72,048 | 174,110 | 8.43 | 20,654 |
| 2010 | 32,713.36 | 5,184 | 6,654 | 27,695 | 8.44 | 3,281 |
| 2011 | 332,136.39 | 19,460 | 24,979 | 323,764 | 8.46 | 38,270 |
| | 19,812,837.71 | 14,216,090 | 17,227,126 | 3,576,354 | | 426,409 |
| CLIFFSIDE UNIT 6 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2011 | 3,615,535.61 | 54,249 | 65,739 | 3,730,573 | 33.81 | 110,339 |
| | 3,615,535.61 | 54,249 | 65,739 | 3,730,573 | | 110,339 |
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1957 | 8,304,974.00 | 6,561,183 | 7,950,873 | 769,350 | 13.35 | 57,629 |
| 1959 | 7,791,857.00 | 6,106,061 | 7,399,354 | 782,096 | 13.49 | 57,976 |
| 1960 | 6,969,844.98 | 5,438,476 | 6,590,371 | 727,966 | 13.56 | 53,685 |
| 1961 | 8,340,693.00 | 6,479,317 | 7,851,667 | 906,060 | 13.63 | 66,475 |
| 1962 | 32,869.00 | 25,423 | 30,808 | 3,705 | 13.69 | 271 |
| 1963 | 1,640.00 | 1,262 | 1,529 | 193 | 13.76 | 14 |
| 1964 | 3,079.00 | 2,358 | 2,857 | 376 | 13.83 | 27 |
| 1971 | 1,808.00 | 1,330 | 1,612 | 287 | 14.26 | 20 |
| 1973 | 256,943.00 | 186,447 | 225,937 | 43,853 | 14.38 | 3,050 |
| 1974 | 96,034.00 | 69,190 | 83,845 | 16,991 | 14.43 | 1,177 |
| 1975 | 596,111.00 | 426,105 | 516,356 | 109,560 | 14.49 | 7,561 |
| 1976 | 121,038.00 | 85,805 | 103,979 | 23,111 | 14.55 | 1,588 |
| 1978 | 5,620.00 | 3,915 | 4,744 | 1,157 | 14.66 | 79 |
| 1981 | 710,025.00 | 479,933 | 581,585 | 163,941 | 14.82 | 11,062 |
| 1983 | 7,341.00 | 4,850 | 5,877 | 1,831 | 14.92 | 123 |
| 1984 | 3,139.00 | 2,047 | 2,481 | 815 | 14.98 | 54 |
| 1985 | 1,878.00 | 1,208 | 1,464 | 508 | 15.03 | 34 |
| 1989 | 2,965,954.00 | 1,791,598 | 2,171,067 | 943,185 | 15.23 | 61,929 |
| 1990 | 2,145,730.00 | 1,271,648 | 1,540,989 | 712,027 | 15.28 | 46,599 |
| 1992 | 1,085,240.00 | 616,505 | 747,084 | 392,418 | 15.38 | 25,515 |
| 1994 | 2,920,864.00 | 1,579,120 | 1,913,585 | 1,153,322 | 15.47 | 74,552 |
| 1995 | 606,494.00 | 318,715 | 386,220 | 250,598 | 15.52 | 16,147 |

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1996 | 2,206,224.00 | 1,123,798 | 1,361,824 | 954,711 | 15.57 | 61,317 |
| 2000 | 816,826.00 | 353,813 | 428,752 | 428,915 | 15.75 | 27,233 |
| 2001 | 4,947,609.00 | 2,031,501 | 2,461,783 | 2,733,207 | 15.79 | 173,097 |
| 2002 | 3,200,010.00 | 1,234,501 | 1,495,974 | 1,864,036 | 15.84 | 117,679 |
| 2004 | 854,505.00 | 282,215 | 341,989 | 555,241 | 15.93 | 34,855 |
| 2006 | 1,828,769.00 | 484,315 | 586,895 | 1,333,312 | 16.01 | 83,280 |
| 2008 | 3,225,507.59 | 597,666 | 724,255 | 2,662,528 | 16.10 | 165,374 |
| 2009 | 314,619.18 | 43,999 | 53,318 | 277,032 | 16.14 | 17,164 |
| 2010 | 345,086.56 | 30,553 | 37,024 | 325,317 | 16.18 | 20,106 |
| 2011 | 706,323.02 | 22,175 | 26,872 | 714,767 | 16.22 | 44,067 |
| | 61,414,655.33 | 37,657,032 | 45,632,972 | 18,852,416 | | 1,229,739 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2006 | 14,673.94 | 2,143 | 2,597 | 12,811 | 32.80 | 391 |
| 2008 | 17,750.98 | 1,736 | 2,104 | 16,535 | 33.20 | 498 |
| 2009 | 30,712.09 | 2,212 | 2,681 | 29,567 | 33.40 | 885 |
| 2010 | 201,375.35 | 8,921 | 10,811 | 200,633 | 33.60 | 5,971 |
| 2011 | 168,957.24 | 2,535 | 3,072 | 174,333 | 33.81 | 5,156 |
| | 433,469.60 | 17,547 | 21,264 | 433,879 | | 12,901 |
| | 516,231,970.48 | 214,891,782, | 251,724,756 | 290,318,812 | | 11,695,549 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 24.8 2.27

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1965 | 724,636.94 | 525,001 | 535,506 | 210,870 | 13.27 | 15,891 |
| 1966 | 1,361,368.14 | 975,713 | 995,237 | 406,973 | 13.59 | 29,947 |
| 1969 | 3,060,543.03 | 2,123,808 | 2,166,305 | 986,055 | 14.50 | 68,004 |
| 1970 | 3,987,619.00 | 2,736,618 | 2,791,377 | 1,315,871 | 14.80 | 88,910 |
| 1971 | 276,157.00 | 187,333 | 191,081 | 93,360 | 15.10 | 6,183 |
| 1972 | 2,779.00 | 1,864 | 1,901 | 961 | 15.39 | 62 |
| 1973 | 753,819.00 | 499,612 | 509,609 | 266,825 | 15.68 | 17,017 |
| 1975 | 2,850.00 | 1,842 | 1,879 | 1,057 | 16.26 | 65 |
| 1976 | 85,435.00 | 54,524 | 55,615 | 32,383 | 16.54 | 1,958 |
| 1977 | 12,075.00 | 7,605 | 7,757 | 4,680 | 16.82 | 278 |
| 1978 | 9,208.00 | 5,720 | 5,834 | 3,650 | 17.10 | 213 |
| 1979 | 10,163.00 | 6,223 | 6,348 | 4,120 | 17.38 | 237 |
| 1982 | 19,261.00 | 11,258 | 11,483 | 8,356 | 18.20 | 459 |
| 1983 | 254,816.00 | 146,495 | 149,426 | 113,034 | 18.46 | 6,123 |
| 1984 | 422,437.00 | 238,593 | 243,367 | 191,743 | 18.73 | 10,237 |
| 1988 | 144,068.00 | 75,029 | 76,530 | 71,860 | 19.79 | 3,631 |
| 1989 | 3,718,603.00 | 1,892,827 | 1,930,702 | 1,899,459 | 20.04 | 94,783 |
| 1990 | 182,995.00 | 90,852 | 92,670 | 95,815 | 20.30 | 4,720 |
| 1992 | 607,805.00 | 285,455 | 291,167 | 334,872 | 20.82 | 16,084 |
| 1993 | 191,350.00 | 87,173 | 88,917 | 108,173 | 21.07 | 5,134 |
| 1994 | 20,034,541.00 | 8,831,202 | 9,007,911 | 11,627,666 | 21.32 | 545,388 |
| 1995 | 11,234,061.00 | 4,774,576 | 4,870,114 | 6,700,969 | 21.58 | 310,518 |
| 1997 | 4,505,523.00 | 1,765,318 | 1,800,641 | 2,840,047 | 22.07 | 128,684 |
| 1999 | 16,880.00 | 5,991 | 6,111 | 11,276 | 22.56 | 500 |
| 2000 | 133,059.00 | 44,535 | 45,426 | 91,625 | 22.81 | 4,017 |
| 2001 | 8,213.00 | 2,576 | 2,628 | 5,832 | 23.05 | 253 |
| 2003 | 978,230.47 | 262,202 | 267,449 | 740,129 | 23.51 | 31,481 |
| 2004 | 236,070.00 | 57,423 | 58,572 | 184,580 | 23.74 | 7,775 |
| 2005 | 1,938,229.00 | 419,658 | 428,055 | 1,568,321 | 23.97 | 65,428 |
| 2006 | 2,204,712.00 | 416,429 | 424,762 | 1,846,092 | 24.18 | 76,348 |
| 2007 | 519,501.00 | 82,692 | 84,347 | 450,739 | 24.40 | 18,473 |
| 2008 | 1,719,847.51 | 219,535 | 223,928 | 1,547,515 | 24.60 | 62,907 |
| 2009 | 487,609.65 | 45,824 | 46,741 | 455,497 | 24.80 | 18,367 |
| 2010 | 3,890,809.28 | 225,504 | 230,016 | 3,777,517 | 24.99 | 151,161 |
| 2011 | 1,338,378.65 | 26,868 | 27,406 | 1,351,124 | 25.16 | 53,701 |
| | 65,073,652.67 | 27,133,878 | 27,676,817 | 39,349,045 | | 1,844,937 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1930 | 168,790.00 | 166,242 | 169,568 | 4,285 | 1.97 | 2,175 |
| 1938 | 140,217.00 | 135,900 | 138,619 | 5,804 | 2.65 | 2,190 |
| 1952 | 474,995.89 | 454,842 | 463,943 | 25,303 | 3.07 | 8,242 |
| 1954 | 1,016,219.27 | 971,751 | 991,195 | 55,510 | 3.10 | 17,906 |
| 1960 | 73,720.00 | 70,152 | 71,556 | 4,376 | 3.18 | 1,376 |
| 1961 | 75.00 | 71 | 72 | 5 | 3.20 | 2 |
| 1962 | 99.00 | 94 | 96 | 6 | 3.21 | 2 |
| 1963 | 331.00 | 314 | 320 | 21 | 3.22 | 7 |
| 1964 | 158.00 | 150 | 153 | 10 | 3.23 | 3 |
| 1965 | 402.00 | 381 | 389 | 25 | 3.24 | 8 |
| 1966 | 6,600.00 | 6,240 | 6,365 | 433 | 3.25 | 133 |
| 1967 | 5,373.00 | 5,074 | 5,176 | 359 | 3.26 | 110 |
| 1969 | 7,974.00 | 7,509 | 7,659 | 554 | 3.28 | 169 |
| 1970 | 93,933.00 | 88,351 | 90,119 | 6,632 | 3.28 | 2,022 |
| 1971 | 14,171.00 | 13,308 | 13,574 | 1,022 | 3.29 | 311 |
| 1972 | 3,623.00 | 3,397 | 3,465 | 267 | 3.30 | 81 |
| 1973 | 678,072.00 | 634,537 | 647,234 | 51,180 | 3.31 | 15,462 |
| 1975 | 22,925.00 | 21,375 | 21,803 | 1,810 | 3.32 | 545 |
| 1976 | 7,711.00 | 7,174 | 7,318 | 625 | 3.33 | 188 |
| 1978 | 11,255.00 | 10,421 | 10,630 | 963 | 3.35 | 287 |
| 1981 | 8,001.00 | 7,347 | 7,494 | 747 | 3.37 | 222 |
| 1984 | 458,724.00 | 417,148 | 425,495 | 46,991 | 3.38 | 13,903 |
| 1989 | 203,069.00 | 180,437 | 184,047 | 25,114 | 3.41 | 7,365 |
| 1990 | 1,303,692.00 | 1,151,292 | 1,174,329 | 168,474 | 3.42 | 49,261 |
| 1991 | 1,385,780.00 | 1,216,119 | 1,240,453 | 186,900 | 3.42 | 54,649 |
| 1992 | 2,137,141.00 | 1,861,602 | 1,898,852 | 302,403 | 3.43 | 88,164 |
| 1993 | 1,678,418.00 | 1,451,026 | 1,480,061 | 248,710 | 3.43 | 72,510 |
| 1994 | 6,259,270.00 | 5,362,010 | 5,469,302 | 977,746 | 3.44 | 284,228 |
| 1996 | 1,015,867.00 | 852,372 | 869,428 | 176,915 | 3.45 | 51,280 |
| 1998 | 4,620,527.00 | 3,775,476 | 3,851,022 | 908,121 | 3.46 | 262,463 |
| 2000 | 788,186.00 | 621,871 | 634,314 | 177,517 | 3.47 | 51,158 |
| 2001 | 24,396.00 | 18,841 | 19,218 | 5,910 | 3.47 | 1,703 |
| 2003 | 4,940.00 | 3,604 | 3,676 | 1,412 | 3.48 | 406 |
| 2004 | 6,213.00 | 4,366 | 4,453 | 1,946 | 3.48 | 559 |
| 2005 | 546,013.95 | 365,331 | 372,641 | 189,753 | 3.49 | 54,370 |
| 2006 | 1,087,129.00 | 684,085 | 697,773 | 421,970 | 3.49 | 120,908 |
| 2007 | 275,943.00 | 159,920 | 163,120 | 121,101 | 3.49 | 34,699 |
| 2008 | 19,547.85 | 10,082 | 10,284 | 9,851 | 3.49 | 2,823 |
| 2009 | 264,601.38 | 113,292 | 115,559 | 156,980 | 3.50 | 44,851 |
| 2010 | 47,554.00 | 14,694 | 14,988 | 33,993 | 3.50 | 9,712 |
| | 24,861,657.34 | 20,868,198 | 21,285,764 | 4,321,743 | | 1,256,453 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1974 | 4,831,683.00 | 3,060,032 | 3,121,262 | 1,855,371 | 17.18 | 107,996 |
| 1975 | 10,974,772.22 | 6,846,390 | 6,983,384 | 4,320,631 | 17.56 | 246,050 |
| 1978 | 2,536.00 | 1,508 | 1,538 | 1,074 | 18.70 | 57 |
| 1979 | 278,208.00 | 162,668 | 165,923 | 120,631 | 19.07 | 6,326 |
| 1980 | 60,375.00 | 34,684 | 35,378 | 26,808 | 19.45 | 1,378 |
| 1981 | 23,404.00 | 13,205 | 13,469 | 10,637 | 19.82 | 537 |
| 1982 | 6,699.00 | 3,708 | 3,782 | 3,118 | 20.20 | 154 |
| 1985 | 74,890.00 | 38,963 | 39,743 | 37,394 | 21.32 | 1,754 |
| 1988 | 1,070,275.00 | 518,263 | 528,633 | 573,750 | 22.44 | 25,568 |
| 1989 | 310,119.00 | 146,276 | 149,203 | 170,220 | 22.81 | 7,463 |
| 1990 | 113,725.00 | 52,120 | 53,163 | 63,974 | 23.19 | 2,759 |
| 1991 | 46,782.00 | 20,810 | 21,226 | 26,959 | 23.56 | 1,144 |
| 1993 | 163,556.00 | 68,104 | 69,467 | 98,996 | 24.30 | 4,074 |
| 1994 | 16,916.00 | 6,789 | 6,925 | 10,499 | 24.67 | 426 |
| 1995 | 66,756.00 | 25,748 | 26,263 | 42,495 | 25.04 | 1,697 |
| 1996 | 322,253.00 | 119,047 | 121,429 | 210,491 | 25.41 | 8,284 |
| 1997 | 386,617.00 | 136,261 | 138,988 | 259,228 | 25.78 | 10,055 |
| 1999 | 50,389.00 | 15,949 | 16,268 | 35,633 | 26.51 | 1,344 |
| 2000 | 352,111.00 | 104,635 | 106,729 | 255,946 | 26.88 | 9,522 |
| 2001 | 116,586.00 | 32,317 | 32,964 | 87,120 | 27.24 | 3,198 |
| 2003 | 1,825,179.00 | 427,516 | 436,070 | 1,443,864 | 27.96 | 51,640 |
| 2004 | 33,646,842.00 | 7,112,155 | 7,254,467 | 27,401,780 | 28.31 | 967,919 |
| 2005 | 139,051.00 | 26,044 | 26,565 | 116,657 | 28.66 | 4,070 |
| 2006 | 1,730,717.00 | 280,712 | 286,329 | 1,496,310 | 29.00 | 51,597 |
| 2007 | 227,990.63 | 30,995 | 31,615 | 203,215 | 29.33 | 6,929 |
| 2008 | 160,055.52 | 17,312 | 17,658 | 147,199 | 29.66 | 4,963 |
| 2009 | 284,951.23 | 22,508 | 22,958 | 270,541 | 29.98 | 9,024 |
| 2010 | 515,048.75 | 25,040 | 25,541 | 504,959 | 30.28 | 16,676 |
| 2011 | 16,781.94 | 278 | 284 | 17,002 | 30.58 | 556 |
| | 57,815,269.29 | 19,350,037 | 19,737,225 | 39,812,502 | | 1,553,160 |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1949 | 145,827.00 | 146,906 | 149,846 | 356 | 0.96 | 356 |
| 1950 | 604,988.00 | 609,410 | 621,604 | 1,534 | 0.96 | 1,534 |
| 1955 | 505,480.07 | 508,758 | 518,938 | 1,706 | 0.97 | 1,706 |
| 1960 | 2,085.00 | 2,097 | 2,139 | 9 | 0.97 | 9 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1961 | 201.00 | 202 | 206 | 1 | 0.97 | 1 |
| 1962 | 479.00 | 481 | 491 | 3 | 0.98 | 3 |
| 1963 | 126.00 | 127 | 130 | | | |
| 1964 | 1,205.00 | 1,210 | 1,234 | 7 | 0.98 | 7 |
| 1966 | 1,713.00 | 1,719 | 1,753 | 11 | 0.98 | 11 |
| 1967 | 268.00 | 269 | 274 | 2 | 0.98 | 2 |
| 1968 | 524.00 | 526 | 537 | 3 | 0.98 | 3 |
| 1970 | 1,236.00 | 1,239 | 1,264 | 9 | 0.98 | 9 |
| 1971 | 1,255.00 | 1,257 | 1,282 | 10 | 0.98 | 10 |
| 1973 | 249,990.00 | 250,221 | 255,228 | 2,262 | 0.98 | 2,262 |
| 1978 | 42,703.00 | 42,599 | 43,451 | 533 | 0.99 | 533 |
| 1983 | 86,752.00 | 86,160 | 87,884 | 1,471 | 0.99 | 1,471 |
| 1984 | 652,248.00 | 647,079 | 660,027 | 11,789 | 0.99 | 11,789 |
| 1987 | 1,995.00 | 1,971 | 2,010 | 44 | 0.99 | 44 |
| 1989 | 6,927,077.00 | 6,823,309 | 6,959,841 | 175,048 | 0.99 | 175,048 |
| 1990 | 250,222.00 | 246,020 | 250,943 | 6,786 | 0.99 | 6,786 |
| 1991 | 600,347.00 | 589,066 | 600,853 | 17,504 | 0.99 | 17,504 |
| 1992 | 684,464.00 | 670,086 | 683,494 | 21,504 | 0.99 | 21,504 |
| 1993 | 695,595.00 | 679,271 | 692,863 | 23,600 | 0.99 | 23,600 |
| 1995 | 39,991.00 | 38,797 | 39,573 | 1,617 | 1.00 | 1,617 |
| 1998 | 22,820.00 | 21,867 | 22,305 | 1,200 | 1.00 | 1,200 |
| 1999 | 30,541.00 | 29,108 | 29,690 | 1,767 | 1.00 | 1,767 |
| 2000 | 40,539.00 | 38,391 | 39,159 | 2,596 | 1.00 | 2,596 |
| 2001 | 86,563.00 | 81,366 | 82,994 | 6,166 | 1.00 | 6,166 |
| 2002 | 197,134.00 | 183,637 | 187,312 | 15,737 | 1.00 | 15,737 |
| 2003 | 155,249.00 | 143,020 | 145,882 | 14,025 | 1.00 | 14,025 |
| 2004 | 21,399.00 | 19,442 | 19,831 | 2,210 | 1.00 | 2,210 |
| 2005 | 46,849.00 | 41,812 | 42,649 | 5,606 | 1.00 | 5,606 |
| 2006 | 396,137.00 | 345,153 | 352,059 | 55,962 | 1.00 | 55,962 |
| 2007 | 58,918.00 | 49,652 | 50,646 | 10,040 | 1.00 | 10,040 |
| 2008 | 293,967.94 | 235,502 | 240,214 | 62,573 | 1.00 | 62,573 |
| 2009 | 73,499.41 | 54,075 | 55,157 | 20,547 | 1.00 | 20,547 |
| | 12,920,387.42 | 12,591,805 | 12,843,763 | 464,236 | | 464,238 |
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1972 | 4,959,646.74 | 3,263,780 | 3,329,087 | 1,779,349 | 16.08 | 110,656 |
| 1973 | 215,926.00 | 140,179 | 142,984 | 79,420 | 16.43 | 4,834 |
| 1976 | 64,395.00 | 40,088 | 40,890 | 25,437 | 17.45 | 1,458 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1978 | 45,982.00 | 27,771 | 28,327 | 19,035 | 18.13 | 1,050 |
| 1982 | 54,613.00 | 30,829 | 31,446 | 24,806 | 19.47 | 1,274 |
| 1988 | 59,578.00 | 29,654 | 30,247 | 31,118 | 21.43 | 1,452 |
| 1989 | 1,613,794.00 | 783,016 | 798,684 | 863,524 | 21.76 | 39,684 |
| 1990 | 94,955.00 | 44,862 | 45,760 | 52,044 | 22.08 | 2,357 |
| 1992 | 272,525.00 | 121,383 | 123,812 | 156,889 | 22.72 | 6,905 |
| 1993 | 19,531.00 | 8,413 | 8,581 | 11,536 | 23.05 | 500 |
| 1994 | 84,218.00 | 35,039 | 35,740 | 51,004 | 23.36 | 2,183 |
| 1995 | 72,049.00 | 28,849 | 29,426 | 44,784 | 23.68 | 1,891 |
| 1996 | 8,458,818.00 | 3,248,748 | 3,313,754 | 5,398,828 | 24.00 | 224,951 |
| 1997 | 59,323.00 | 21,769 | 22,205 | 38,898 | 24.32 | 1,599 |
| 2000 | 17,042.00 | 5,301 | 5,407 | 12,146 | 25.26 | 481 |
| 2002 | 3,889,974.00 | 1,047,705 | 1,068,669 | 2,938,004 | 25.87 | 113,568 |
| 2006 | 1,273,115.00 | 218,884 | 223,264 | 1,088,045 | 27.05 | 40,223 |
| 2007 | 107,755.05 | 15,542 | 15,853 | 95,135 | 27.33 | 3,481 |
| 2008 | 350,432.88 | 40,415 | 41,224 | 319,722 | 27.60 | 11,584 |
| 2010 | 1,341,080.46 | 69,508 | 70,899 | 1,310,414 | 28.12 | 46,601 |
| 2011 | 31,609.88 | 564 | 575 | 31,983 | 28.36 | 1,128 |
| | 23,086,363.01 | 9,222,299 | 9,406,834 | 14,372,120 | | 617,860 |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1951 | 793,434.55 | 706,714 | 720,855 | 96,383 | 6.01 | 16,037 |
| 1958 | 1,001,665.00 | 876,060 | 893,590 | 138,125 | 6.56 | 21,056 |
| 1960 | 13,352.00 | 11,617 | 11,849 | 1,903 | 6.69 | 284 |
| 1961 | 107.00 | 93 | 95 | 15 | 6.75 | 2 |
| 1962 | 2,634.00 | 2,279 | 2,325 | 388 | 6.81 | 57 |
| 1963 | 332.00 | 286 | 292 | 50 | 6.87 | 7 |
| 1964 | 171.00 | 147 | 150 | 26 | 6.93 | 4 |
| 1965 | 187.00 | 160 | 163 | 29 | 6.98 | 4 |
| 1966 | 3,676.00 | 3,144 | 3,207 | 579 | 7.03 | 82 |
| 1967 | 404.00 | 345 | 352 | 64 | 7.08 | 9 |
| 1968 | 32,815.00 | 27,891 | 28,449 | 5,350 | 7.13 | 750 |
| 1970 | 102,416.00 | 86,436 | 88,166 | 17,323 | 7.23 | 2,396 |
| 1973 | 298,395.00 | 248,957 | 253,939 | 53,408 | 7.36 | 7,257 |
| 1977 | 2,401.00 | 1,967 | 2,006 | 467 | 7.52 | 62 |
| 1978 | 93,317.00 | 76,038 | 77,559 | 18,557 | 7.56 | 2,455 |
| 1979 | 5,568.00 | 4,511 | 4,601 | 1,134 | 7.60 | 149 |
| 1980 | 35,775.00 | 28,812 | 29,389 | 7,460 | 7.64 | 976 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1981 | 5,442.00 | 4,356 | 4,443 | 1,162 | 7.67 | 151 |
| 1984 | 468,522.00 | 366,947 | 374,289 | 108,288 | 7.78 | 13,919 |
| 1985 | 26,830.00 | 20,844 | 21,261 | 6,374 | 7.81 | 816 |
| 1989 | 663,335.00 | 495,024 | 504,929 | 178,306 | 7.95 | 22,428 |
| 1990 | 48,602.00 | 35,833 | 36,550 | 13,510 | 7.98 | 1,693 |
| 1991 | 649,331.00 | 472,508 | 481,963 | 186,848 | 8.01 | 23,327 |
| 1992 | 247,430.00 | 177,472 | 181,023 | 73,830 | 8.04 | 9,183 |
| 1993 | 22,661,793.00 | 16,000,699 | 16,320,867 | 7,020,780 | 8.07 | 869,985 |
| 1994 | 591,315.00 | 410,369 | 418,580 | 190,474 | 8.10 | 23,515 |
| 2002 | 42,794.00 | 23,360 | 23,827 | 20,250 | 8.31 | 2,437 |
| 2004 | 64,364.00 | 31,195 | 31,819 | 34,476 | 8.36 | 4,124 |
| 2005 | 92,085.00 | 41,252 | 42,077 | 52,770 | 8.38 | 6,297 |
| 2006 | 239,287.00 | 97,201 | 99,146 | 147,320 | 8.40 | 17,538 |
| 2007 | 77,783.77 | 27,824 | 28,381 | 51,737 | 8.42 | 6,145 |
| 2008 | 224,963.61 | 67,980 | 69,340 | 162,372 | 8.43 | 19,261 |
| 2010 | 860,976.25 | 133,553 | 136,225 | 750,580 | 8.46 | 88,721 |
| 2011 | 373,812.73 | 21,461 | 21,890 | 363,137 | 8.47 | 42,873 |
| | 29,725,315.91 | 20,503,335 | 20,913,599 | 9,703,476 | | 1,204,000 |
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1957 | 1,484,595.54 | 1,202,801 | 1,226,869 | 302,265 | 9.52 | 31,751 |
| 1959 | 1,399,441.18 | 1,119,987 | 1,142,398 | 299,027 | 9.91 | 30,174 |
| 1960 | 1,139,353.61 | 906,285 | 924,419 | 249,115 | 10.10 | 24,665 |
| 1961 | 984,340.00 | 777,993 | 793,560 | 220,310 | 10.29 | 21,410 |
| 1962 | 22,737.00 | 17,860 | 18,217 | 5,202 | 10.47 | 497 |
| 1963 | 3,892.00 | 3,039 | 3,100 | 909 | 10.64 | 85 |
| 1964 | 2,105.00 | 1,633 | 1,666 | 502 | 10.81 | 46 |
| 1965 | 50.00 | 39 | 40 | 12 | 10.98 | 1 |
| 1966 | 169,628.00 | 129,912 | 132,511 | 42,205 | 11.15 | 3,785 |
| 1967 | 13,365.00 | 10,169 | 10,372 | 3,393 | 11.31 | 300 |
| 1969 | 62.00 | 47 | 48 | 16 | 11.62 | 1 |
| 1970 | 19,433.00 | 14,487 | 14,777 | 5,239 | 11.77 | 445 |
| 1971 | 100.00 | 74 | 75 | 28 | 11.91 | 2 |
| 1973 | 955,514.00 | 696,789 | 710,731 | 273,448 | 12.20 | 22,414 |
| 1974 | 40,425.00 | 29,248 | 29,833 | 11,805 | 12.34 | 957 |
| 1975 | 2,629.00 | 1,886 | 1,924 | 784 | 12.48 | 63 |
| 1978 | 112,015.00 | 78,281 | 79,847 | 35,528 | 12.87 | 2,761 |
| 1982 | 36,774.00 | 24,635 | 25,128 | 12,749 | 13.38 | 953 |

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1983 | 9,965.00 | 6,596 | 6,728 | 3,536 | 13.50 | 262 |
| 1986 | 88,133.00 | 56,037 | 57,158 | 33,619 | 13.85 | 2,427 |
| 1987 | 220,289.00 | 137,908 | 140,667 | 86,230 | 13.97 | 6,173 |
| 1988 | 54,401.00 | 33,511 | 34,182 | 21,851 | 14.08 | 1,552 |
| 1989 | 1,072,136.00 | 648,721 | 661,702 | 442,598 | 14.20 | 31,169 |
| 1990 | 1,392,639.00 | 826,942 | 843,489 | 590,929 | 14.31 | 41,295 |
| 1991 | 19,615,652.00 | 11,412,904 | 11,641,272 | 8,562,849 | 14.42 | 593,818 |
| 1992 | 575,310.00 | 327,400 | 333,951 | 258,618 | 14.53 | 17,799 |
| 1993 | 90,666.00 | 50,366 | 51,374 | 42,012 | 14.64 | 2,870 |
| 1994 | 54,982.00 | 29,773 | 30,369 | 26,263 | 14.74 | 1,782 |
| 1996 | 33,190.00 | 16,925 | 17,264 | 16,922 | 14.95 | 1,132 |
| 1997 | 13,455,222.00 | 6,626,900 | 6,759,502 | 7,099,377 | 15.06 | 471,406 |
| 1998 | 19,500.00 | 9,241 | 9,426 | 10,659 | 15.16 | 703 |
| 2000 | 14,098.00 | 6,098 | 6,220 | 8,301 | 15.36 | 540 |
| 2001 | 38,753.00 | 15,882 | 16,200 | 23,716 | 15.45 | 1,535 |
| 2002 | 88,994.00 | 34,258 | 34,943 | 56,720 | 15.55 | 3,648 |
| 2003 | 158,158.00 | 56,656 | 57,790 | 105,113 | 15.64 | 6,721 |
| 2005 | 421,646.00 | 125,425 | 127,935 | 306,361 | 15.81 | 19,378 |
| 2006 | 2,369,065.00 | 624,041 | 636,528 | 1,803,609 | 15.89 | 113,506 |
| 2007 | 631,492.47 | 142,244 | 145,090 | 505,347 | 15.97 | 31,644 |
| 2008 | 3,538,425.84 | 649,427 | 662,422 | 2,982,157 | 16.05 | 185,804 |
| 2009 | 150,469.44 | 20,737 | 21,152 | 133,832 | 16.12 | 8,302 |
| 2010 | 3,851,391.48 | 336,555 | 343,289 | 3,623,644 | 16.18 | 223,958 |
| 2011 | 158,142.57 | 4,865 | 4,962 | 157,925 | 16.24 | 9,724 |
| | 54,489,180.13 | 27,214,577 | 27,759,131 | 28,364,725 | | 1,917,458 |
| | 267,971,825.77 | 137,535,507 | 139,623,133 | 136,387,847 | | 8,858,106 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.4 3.31

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MARSHALL | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2038 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 49,332.00 | 27,950 | 25,941 | 24,377 | 21.48 | 1,135 |
| 1981 | 6,215.00 | 3,463 | 3,214 | 3,125 | 21.70 | 144 |
| 1982 | 49,825.02 | 27,285 | 25,324 | 25,497 | 21.91 | 1,164 |
| 1983 | 31,274.00 | 16,823 | 15,614 | 16,285 | 22.11 | 737 |
| 1984 | 81,768.00 | 43,154 | 40,053 | 43,351 | 22.31 | 1,943 |
| 1985 | 28,399.00 | 14,693 | 13,637 | 15,330 | 22.50 | 681 |
| 1986 | 80,499.00 | 40,799 | 37,867 | 44,242 | 22.68 | 1,951 |
| 1987 | 122,914.00 | 60,925 | 56,547 | 68,826 | 22.86 | 3,011 |
| 1988 | 717,349.00 | 347,578 | 322,600 | 409,096 | 23.02 | 17,771 |
| 1989 | 372,258.00 | 176,057 | 163,405 | 216,298 | 23.18 | 9,331 |
| 1990 | 30,203.00 | 13,912 | 12,912 | 17,895 | 23.34 | 767 |
| 1991 | 304,996.00 | 136,649 | 126,829 | 184,267 | 23.49 | 7,844 |
| 1992 | 2,216,669.00 | 964,544 | 895,228 | 1,365,775 | 23.63 | 57,798 |
| 1993 | 2,208,242.00 | 931,325 | 864,396 | 1,388,011 | 23.76 | 58,418 |
| 1994 | 4,905,658.00 | 2,000,258 | 1,856,511 | 3,147,261 | 23.89 | 131,740 |
| 1995 | 122,405.00 | 48,095 | 44,639 | 80,214 | 24.02 | 3,339 |
| 1996 | 45,472.00 | 17,171 | 15,937 | 30,444 | 24.14 | 1,261 |
| 1997 | 155,468.00 | 56,249 | 52,207 | 106,371 | 24.25 | 4,386 |
| 1998 | 139,444.00 | 48,106 | 44,649 | 97,584 | 24.36 | 4,006 |
| 1999 | 36,327.00 | 11,888 | 11,034 | 26,020 | 24.47 | 1,063 |
| 2000 | 177,942.00 | 54,955 | 51,006 | 130,495 | 24.57 | 5,311 |
| 2001 | 417,034.00 | 120,794 | 112,113 | 313,261 | 24.66 | 12,703 |
| 2002 | 944,359.00 | 254,056 | 235,798 | 727,448 | 24.76 | 29,380 |
| 2003 | 250,608.00 | 62,034 | 57,576 | 198,044 | 24.84 | 7,973 |
| 2004 | 175,927.00 | 39,516 | 36,676 | 142,769 | 24.93 | 5,727 |
| 2005 | 171,360.00 | 34,361 | 31,892 | 142,896 | 25.01 | 5,714 |
| 2006 | 107,525.00 | 18,798 | 17,447 | 92,228 | 25.09 | 3,676 |
| 2007 | 911,136.50 | 134,571 | 124,900 | 804,459 | 25.16 | 31,974 |
| 2008 | 2,884,630.23 | 342,163 | 317,574 | 2,624,749 | 25.23 | 104,033 |
| 2009 | 119,661.82 | 10,494 | 9,740 | 112,315 | 25.30 | 4,439 |
| 2010 | 11,673,087.80 | 635,572 | 589,897 | 11,316,653 | 25.36 | 446,240 |
| 2011 | 1,762,129.67 | 33,305 | 30,912 | 1,766,461 | 25.42 | 69,491 |
| | 31,300,118.04 | 6,727,543 | 6,244,072 | 25,682,048 | | 1,035,151 |
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 6,651.00 | 6,073 | 5,637 | 1,147 | 3.44 | 333 |
| 1981 | 7,725.00 | 7,032 | 6,527 | 1,353 | 3.44 | 393 |
| 1982 | 39,384.00 | 35,733 | 33,165 | 7,007 | 3.44 | 2,037 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1983 | 110,699.00 | 100,048 | 92,858 | 20,055 | 3.45 | 5,813 |
| 1984 | 27,302.00 | 24,582 | 22,815 | 5,033 | 3.45 | 1,459 |
| 1985 | 15,521.00 | 13,918 | 12,918 | 2,914 | 3.45 | 845 |
| 1986 | 45,890.00 | 40,974 | 38,029 | 8,778 | 3.45 | 2,544 |
| 1987 | 93,960.00 | 83,462 | 77,464 | 18,375 | 3.46 | 5,311 |
| 1988 | 33,591.00 | 29,686 | 27,553 | 6,710 | 3.46 | 1,939 |
| 1989 | 26,983.00 | 23,714 | 22,010 | 5,513 | 3.46 | 1,593 |
| 1990 | 516,390.00 | 451,097 | 418,679 | 108,039 | 3.46 | 31,225 |
| 1991 | 750,537.00 | 651,328 | 604,521 | 161,027 | 3.46 | 46,540 |
| 1992 | 62,788.00 | 54,065 | 50,180 | 13,864 | 3.47 | 3,995 |
| 1993 | 1,999,027.00 | 1,707,445 | 1,584,740 | 454,267 | 3.47 | 130,913 |
| 1994 | 4,186,198.00 | 3,544,334 | 3,289,623 | 980,299 | 3.47 | 282,507 |
| 1995 | 72,784.00 | 61,015 | 56,630 | 17,609 | 3.47 | 5,075 |
| 1996 | 11,192.00 | 9,279 | 8,612 | 2,804 | 3.47 | 808 |
| 1997 | 77,273.00 | 63,279 | 58,731 | 20,087 | 3.47 | 5,789 |
| 1998 | 37,643.00 | 30,371 | 28,188 | 10,207 | 3.48 | 2,933 |
| 1999 | 78,526.00 | 62,342 | 57,862 | 22,235 | 3.48 | 6,389 |
| 2000 | 83,926.00 | 65,394 | 60,694 | 24,910 | 3.48 | 7,158 |
| 2001 | 70,320.00 | 53,613 | 49,760 | 21,966 | 3.48 | 6,312 |
| 2002 | 255,792.00 | 190,030 | 176,374 | 84,534 | 3.48 | 24,291 |
| 2003 | 620,118.00 | 446,610 | 414,515 | 218,006 | 3.48 | 62,645 |
| 2004 | 1,217,546.00 | 844,304 | 783,629 | 458,268 | 3.48 | 131,686 |
| 2005 | 132,861.00 | 87,881 | 81,565 | 53,953 | 3.48 | 15,504 |
| 2006 | 390,294.00 | 242,789 | 225,341 | 172,759 | 3.48 | 49,643 |
| 2007 | 85,907.00 | 49,110 | 45,581 | 42,044 | 3.49 | 12,047 |
| 2008 | 58.00 | 29 | 27 | 32 | 3.49 | 9 |
| 2009 | 160,756.14 | 68,115 | 63,220 | 100,751 | 3.49 | 28,868 |
| 2011 | 200,956.89 | 25,686 | 23,840 | 181,136 | 3.49 | 51,901 |
| | 11,418,599.03 | 9,073,338 | 8,421,288 | 3,225,683 | | 928,505 |
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 48,416.00 | 25,420 | 23,593 | 25,791 | 24.85 | 1,038 |
| 1981 | 8,773.00 | 4,516 | 4,191 | 4,757 | 25.19 | 189 |
| 1982 | 12,185.00 | 6,144 | 5,702 | 6,726 | 25.53 | 263 |
| 1983 | 18,318.00 | 9,038 | 8,388 | 10,296 | 25.86 | 398 |
| 1984 | 32,555.00 | 15,707 | 14,578 | 18,628 | 26.18 | 712 |
| 1985 | 57,811.00 | 27,256 | 25,297 | 33,670 | 26.48 | 1,272 |
| 1986 | 140,659.00 | 64,723 | 60,072 | 83,400 | 26.78 | 3,114 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BELEWS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2045 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1987 | 123,593.00 | 55,441 | 51,457 | 74,608 | 27.07 | 2,756 |
| 1988 | 425,538.00 | 185,799 | 172,447 | 261,602 | 27.35 | 9,565 |
| 1989 | 242,301.00 | 102,860 | 95,468 | 151,679 | 27.62 | 5,492 |
| 1990 | 168,742.00 | 69,539 | 64,542 | 107,575 | 27.88 | 3,859 |
| 1991 | 156,079.00 | 62,330 | 57,851 | 101,350 | 28.13 | 3,603 |
| 1992 | 194,281.00 | 75,040 | 69,647 | 128,519 | 28.37 | 4,530 |
| 1993 | 54,415.00 | 20,290 | 18,832 | 36,671 | 28.60 | 1,282 |
| 1994 | 2,324,061.78 | 834,241 | 774,289 | 1,596,254 | 28.82 | 55,387 |
| 1995 | 182,576.00 | 62,896 | 58,376 | 127,851 | 29.04 | 4,403 |
| 1997 | 221,907.00 | 69,775 | 64,761 | 161,584 | 29.44 | 5,489 |
| 1998 | 127,208.00 | 37,975 | 35,246 | 94,506 | 29.63 | 3,190 |
| 1999 | 66,999.00 | 18,888 | 17,531 | 50,808 | 29.82 | 1,704 |
| 2000 | 340,608.00 | 90,222 | 83,738 | 263,682 | 29.99 | 8,792 |
| 2001 | 55,852.00 | 13,798 | 12,806 | 44,163 | 30.16 | 1,464 |
| 2002 | 131,267.00 | 29,987 | 27,832 | 106,060 | 30.32 | 3,498 |
| 2003 | 552,140.00 | 115,486 | 107,187 | 455,996 | 30.47 | 14,965 |
| 2004 | 1,680,381.00 | 317,431 | 294,619 | 1,419,370 | 30.62 | 46,354 |
| 2005 | 393,314.00 | 65,830 | 61,099 | 340,081 | 30.77 | 11,052 |
| 2006 | 1,442,549.00 | 209,498 | 194,443 | 1,276,957 | 30.90 | 41,325 |
| 2007 | 635,170.00 | 77,401 | 71,839 | 576,035 | 31.03 | 18,564 |
| 2008 | 2,153,944.78 | 209,245 | 194,208 | 2,002,816 | 31.16 | 64,275 |
| 2009 | 438,513.87 | 31,256 | 29,010 | 418,274 | 31.28 | 13,372 |
| 2010 | 1,040,185.64 | 45,612 | 42,334 | 1,018,655 | 31.39 | 32,452 |
| 2011 | 431,921.20 | 6,476 | 6,011 | 434,549 | 31.50 | 13,795 |
| | 13,902,264.27 | 2,960,120 | 2,747,393 | 11,432,917 | | 378,154 |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 67,640.00 | 66,768 | 61,970 | 7,023 | 0.99 | 7,023 |
| 1981 | 27,537.00 | 27,147 | 25,196 | 2,892 | 1.00 | 2,892 |
| 1982 | 14,801.00 | 14,576 | 13,529 | 1,569 | 1.00 | 1,569 |
| 1983 | 110,555.00 | 108,755 | 100,939 | 11,827 | 1.00 | 11,827 |
| 1984 | 37,094.00 | 36,447 | 33,828 | 4,008 | 1.00 | 4,008 |
| 1985 | 9,471.00 | 9,294 | 8,626 | 1,034 | 1.00 | 1,034 |
| 1986 | 94,477.00 | 92,580 | 85,927 | 10,440 | 1.00 | 10,440 |
| 1987 | 80,908.00 | 79,165 | 73,476 | 9,050 | 1.00 | 9,050 |
| 1988 | 32,583.00 | 31,829 | 29,542 | 3,693 | 1.00 | 3,693 |
| 1989 | 213,109.00 | 207,809 | 192,875 | 24,496 | 1.00 | 24,496 |
| 1990 | 103,912.00 | 101,131 | 93,863 | 12,127 | 1.00 | 12,127 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1991 | 265,944.00 | 258,272 | 239,711 | 31,551 | 1.00 | 31,551 |
| 1992 | 240,898.00 | 233,398 | 216,625 | 29,091 | 1.00 | 29,091 |
| 1993 | 135,095.00 | 130,549 | 121,167 | 16,630 | 1.00 | 16,630 |
| 1994 | 2,518,123.00 | 2,426,345 | 2,251,977 | 316,508 | 1.00 | 316,508 |
| 1995 | 124,534.00 | 119,605 | 111,010 | 16,015 | 1.00 | 16,015 |
| 1996 | 11,282.00 | 10,796 | 10,020 | 1,487 | 1.00 | 1,487 |
| 1997 | 30,025.00 | 28,613 | 26,557 | 4,069 | 1.00 | 4,069 |
| 1998 | 89,452.00 | 84,842 | 78,745 | 12,496 | 1.00 | 12,496 |
| 1999 | 37,318.00 | 35,200 | 32,670 | 5,394 | 1.00 | 5,394 |
| 2000 | 19,825.00 | 18,582 | 17,247 | 2,975 | 1.00 | 2,975 |
| 2001 | 40,128.00 | 37,327 | 34,645 | 6,286 | 1.00 | 6,286 |
| 2002 | 391,741.00 | 361,081 | 335,132 | 64,444 | 1.00 | 64,444 |
| 2003 | 214,694.00 | 195,716 | 181,651 | 37,337 | 1.00 | 37,337 |
| 2004 | 221,994.00 | 199,574 | 185,232 | 41,202 | 1.00 | 41,202 |
| 2006 | 305,760.00 | 263,597 | 244,654 | 67,221 | 1.00 | 67,221 |
| 2008 | 2,884,398.89 | 2,285,384 | 2,121,146 | 820,941 | 1.00 | 820,941 |
| 2010 | 185,494.68 | 113,218 | 105,082 | 84,123 | 1.00 | 84,123 |
| 2011 | 26,070.92 | 8,864 | 8,227 | 18,365 | 1.00 | 18,365 |
| | 8,534,864.49 | 7,586,464 | 7,041,267 | 1,664,295 | | 1,664,294 |
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 17,105.00 | 9,248 | 8,583 | 8,864 | 23.54 | 377 |
| 1981 | 84,893.00 | 45,056 | 41,818 | 44,773 | 23.83 | 1,879 |
| 1982 | 6,780.00 | 3,529 | 3,275 | 3,640 | 24.11 | 151 |
| 1983 | 33,518.00 | 17,098 | 15,869 | 18,319 | 24.39 | 751 |
| 1984 | 41,037.00 | 20,504 | 19,030 | 22,827 | 24.65 | 926 |
| 1985 | 7,557.00 | 3,695 | 3,429 | 4,279 | 24.90 | 172 |
| 1986 | 20,042.00 | 9,575 | 8,887 | 11,556 | 25.15 | 459 |
| 1987 | 74,189.00 | 34,601 | 32,114 | 43,558 | 25.39 | 1,716 |
| 1988 | 65,199.00 | 29,662 | 27,530 | 38,973 | 25.61 | 1,522 |
| 1989 | 121,277.00 | 53,724 | 49,863 | 73,839 | 25.83 | 2,859 |
| 1990 | 420,184.00 | 181,018 | 168,009 | 260,578 | 26.04 | 10,007 |
| 1991 | 263,537.00 | 110,133 | 102,218 | 166,589 | 26.25 | 6,346 |
| 1992 | 69,417.00 | 28,113 | 26,093 | 44,713 | 26.44 | 1,691 |
| 1993 | 88,658.00 | 34,712 | 32,217 | 58,214 | 26.63 | 2,186 |
| 1994 | 2,699,308.00 | 1,018,912 | 945,689 | 1,807,606 | 26.81 | 67,423 |
| 1995 | 1,310,811.00 | 475,888 | 441,689 | 895,339 | 26.98 | 33,185 |
| 1996 | 78,564.00 | 27,341 | 25,376 | 54,759 | 27.15 | 2,017 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNIT 5 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1997 | 84,160.00 | 27,972 | 25,962 | 59,881 | 27.31 | 2,193 |
| 1998 | 14,389.00 | 4,551 | 4,224 | 10,453 | 27.46 | 381 |
| 1999 | 50,680.00 | 15,163 | 14,073 | 37,620 | 27.61 | 1,363 |
| 2000 | 39,336.00 | 11,075 | 10,279 | 29,844 | 27.75 | 1,075 |
| 2001 | 465,398.00 | 122,531 | 113,725 | 360,981 | 27.88 | 12,948 |
| 2002 | 226,655.00 | 55,270 | 51,298 | 179,890 | 28.01 | 6,422 |
| 2003 | 953,724.00 | 213,296 | 197,968 | 774,831 | 28.13 | 27,545 |
| 2004 | 490,206.00 | 99,177 | 92,050 | 407,960 | 28.25 | 14,441 |
| 2005 | 109,721.00 | 19,758 | 18,338 | 93,577 | 28.36 | 3,300 |
| 2006 | 233,684.00 | 36,571 | 33,943 | 204,415 | 28.47 | 7,180 |
| 2007 | 473,273.96 | 62,254 | 57,780 | 424,959 | 28.57 | 14,874 |
| 2008 | 43,766.65 | 4,608 | 4,277 | 40,365 | 28.67 | 1,408 |
| 2009 | 481,456.86 | 37,229 | 34,554 | 456,532 | 28.77 | 15,868 |
| 2010 | 417,233.60 | 19,960 | 18,526 | 407,053 | 28.86 | 14,104 |
| 2011 | 210,239.50 | 3,427 | 3,181 | 211,264 | 28.95 | 7,298 |
| | 9,695,999.57 | 2,835,651 | 2,631,869 | 7,258,051 | | 264,067 |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 12,352.00 | 9,830 | 9,124 | 3,475 | 8.09 | 430 |
| 1981 | 66,257.00 | 52,370 | 48,606 | 18,976 | 8.11 | 2,340 |
| 1982 | 3,686.00 | 2,892 | 2,684 | 1,076 | 8.13 | 132 |
| 1983 | 102,154.00 | 79,540 | 73,824 | 30,373 | 8.15 | 3,727 |
| 1984 | 33,260.00 | 25,683 | 23,837 | 10,088 | 8.17 | 1,235 |
| 1985 | 26,360.00 | 20,182 | 18,732 | 8,156 | 8.18 | 997 |
| 1986 | 184,214.00 | 139,704 | 129,664 | 58,234 | 8.20 | 7,102 |
| 1987 | 74,471.00 | 55,903 | 51,886 | 24,075 | 8.22 | 2,929 |
| 1988 | 25,908.00 | 19,244 | 17,861 | 8,565 | 8.23 | 1,041 |
| 1989 | 13,538.00 | 9,941 | 9,227 | 4,582 | 8.24 | 556 |
| 1990 | 55,355.00 | 40,126 | 37,242 | 19,220 | 8.26 | 2,327 |
| 1991 | 106,755.00 | 76,357 | 70,870 | 38,020 | 8.27 | 4,597 |
| 1992 | 289,381.00 | 203,941 | 189,285 | 105,884 | 8.28 | 12,788 |
| 1993 | 277,917.00 | 192,741 | 178,890 | 104,586 | 8.29 | 12,616 |
| 1994 | 2,630,952.00 | 1,792,625 | 1,663,799 | 1,019,772 | 8.30 | 122,864 |
| 1995 | 123,973.00 | 82,850 | 76,896 | 49,556 | 8.31 | 5,963 |
| 1996 | 42,827.00 | 28,011 | 25,998 | 17,686 | 8.32 | 2,126 |
| 1997 | 179,249.00 | 114,445 | 106,220 | 76,613 | 8.33 | 9,197 |
| 1998 | 90,791.00 | 56,414 | 52,360 | 40,247 | 8.34 | 4,826 |
| 1999 | 59,931.00 | 36,133 | 33,536 | 27,593 | 8.35 | 3,305 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2020 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 2000 | 52,877.00 | 30,788 | 28,575 | 25,359 | 8.36 | 3,033 |
| 2001 | 16,325.00 | 9,134 | 8,478 | 8,174 | 8.37 | 977 |
| 2002 | 625,175.00 | 334,418 | 310,385 | 327,293 | 8.37 | 39,103 |
| 2003 | 136,434.00 | 69,122 | 64,155 | 75,008 | 8.38 | 8,951 |
| 2004 | 154,238.00 | 73,251 | 67,987 | 89,336 | 8.39 | 10,648 |
| 2005 | 11,598.00 | 5,096 | 4,730 | 7,100 | 8.39 | 846 |
| 2006 | 401,578.00 | 159,920 | 148,427 | 261,182 | 8.40 | 31,093 |
| 2007 | 42,948.25 | 15,081 | 13,997 | 29,810 | 8.40 | 3,549 |
| 2008 | 145,850.02 | 43,098 | 40,001 | 108,766 | 8.41 | 12,933 |
| 2009 | 261,492.55 | 60,362 | 56,024 | 210,698 | 8.41 | 25,053 |
| 2010 | 30,627.11 | 4,670 | 4,334 | 26,905 | 8.42 | 3,195 |
| | 6,278,473.93 | 3,843,872 | 3,567,635 | 2,836,408 | | 340,479 |
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 18,122.00 | 12,061 | 11,194 | 7,290 | 14.79 | 493 |
| 1981 | 357,620.00 | 235,285 | 218,376 | 146,396 | 14.87 | 9,845 |
| 1982 | 21,777.00 | 14,154 | 13,137 | 9,076 | 14.95 | 607 |
| 1983 | 59,368.00 | 38,103 | 35,365 | 25,191 | 15.02 | 1,677 |
| 1984 | 69,415.00 | 43,958 | 40,799 | 30,004 | 15.09 | 1,988 |
| 1985 | 69,533.00 | 43,404 | 40,285 | 30,639 | 15.16 | 2,021 |
| 1986 | 116,814.00 | 71,838 | 66,675 | 52,475 | 15.22 | 3,448 |
| 1987 | 155,275.00 | 93,940 | 87,189 | 71,191 | 15.29 | 4,656 |
| 1988 | 109,075.00 | 64,861 | 60,200 | 51,057 | 15.35 | 3,326 |
| 1989 | 158,898.00 | 92,801 | 86,132 | 75,944 | 15.40 | 4,931 |
| 1990 | 119,683.00 | 68,520 | 63,596 | 58,481 | 15.46 | 3,783 |
| 1991 | 153,352.00 | 85,976 | 79,797 | 76,622 | 15.51 | 4,940 |
| 1992 | 78,065.00 | 42,785 | 39,710 | 39,916 | 15.56 | 2,565 |
| 1993 | 282,464.00 | 151,084 | 140,226 | 147,887 | 15.60 | 9,480 |
| 1994 | 2,693,010.00 | 1,402,222 | 1,301,452 | 1,445,418 | 15.65 | 92,359 |
| 1995 | 563,878.00 | 285,266 | 264,766 | 310,390 | 15.69 | 19,783 |
| 1996 | 221,837.00 | 108,729 | 100,915 | 125,358 | 15.73 | 7,969 |
| 1997 | 249,479.00 | 118,066 | 109,581 | 144,887 | 15.77 | 9,188 |
| 1998 | 902,126.00 | 410,607 | 381,099 | 539,070 | 15.81 | 34,097 |
| 1999 | 138,156.00 | 60,278 | 55,946 | 84,973 | 15.84 | 5,364 |
| 2000 | 534,169.00 | 221,886 | 205,940 | 338,912 | 15.88 | 21,342 |
| 2001 | 474,900.00 | 186,837 | 173,410 | 310,988 | 15.91 | 19,547 |
| 2002 | 224,436.00 | 82,962 | 77,000 | 151,925 | 15.94 | 9,531 |
| 2003 | 94,671.00 | 32,575 | 30,234 | 66,330 | 15.97 | 4,153 |

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ALLEN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 2004 | 133,486.00 | 42,215 | 39,181 | 96,974 | 16.00 | 6,061 |
| 2005 | 1,799,199.00 | 514,218 | 477,264 | 1,357,919 | 16.03 | 84,711 |
| 2006 | 894,926.00 | 226,280 | 210,019 | 702,806 | 16.05 | 43,789 |
| 2007 | 129,152.00 | 27,999 | 25,987 | 105,748 | 16.08 | 6,576 |
| 2008 | 454,694.12 | 80,472 | 74,689 | 389,099 | 16.10 | 24,168 |
| 2009 | 92,139.18 | 12,267 | 11,385 | 82,597 | 16.12 | 5,124 |
| 2010 | 172,189.08 | 14,569 | 13,522 | 162,111 | 16.14 | 10,044 |
| 2011 | 353,917.33 | 10,624 | 9,861 | 351,135 | 16.16 | 21,729 |
| | 11,895,825.71 | 4,896,842 | 4,544,933 | 7,588,809 | | 479,295 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2048 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 2007 | 10,184.84 | 1,158 | 1,075 | 9,314 | 33.39 | 279 |
| | 10,184.84 | 1,158 | 1,075 | 9,314 | | 279 |
| | 93,036,329.88 | 47,188,165 | 35,199,532 | 59,697,525 | | 5,090,224 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.7 5.47

DUKE ENERGY CAROLINAS

ACCOUNT 320 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1968 | 422,388.00 | 286,514 | 280,307 | 142,081 | 20.24 | 7,020 |
| 1974 | 2,615.00 | 1,678 | 1,642 | 973 | 20.70 | 47 |
| | 425,003.00 | 288,192 | 281,949 | 143,054 | | 7,067 |
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1981 | 74,882.00 | 38,064 | 37,239 | 37,643 | 29.27 | 1,286 |
| | 74,882.00 | 38,064 | 37,239 | 37,643 | | 1,286 |
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1985 | 381,479.68 | 176,759 | 172,930 | 208,550 | 30.53 | 6,831 |
| 2002 | 75,177.00 | 17,477 | 17,098 | 58,079 | 31.33 | 1,854 |
| | 456,656.68 | 194,236 | 190,028 | 266,629 | | 8,685 |
| | 956,541.68 | 520,492 | 509,216 | 447,326 | | 17,038 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.3 1.78

DUKE ENERGY CAROLINAS

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1973 | 21,937,179.00 | 14,479,196 | 16,479,106 | 6,554,932 | 19.45 | 337,014 |
| 1974 | 49,166,221.07 | 32,172,925 | 36,616,745 | 15,007,787 | 19.48 | 770,420 |
| 1975 | 192,891.00 | 125,031 | 142,301 | 60,235 | 19.52 | 3,086 |
| 1976 | 818,589.00 | 525,415 | 597,987 | 261,532 | 19.56 | 13,371 |
| 1977 | 2,911,216.63 | 1,849,962 | 2,105,484 | 951,293 | 19.59 | 48,560 |
| 1978 | 425,668.00 | 267,567 | 304,524 | 142,427 | 19.63 | 7,256 |
| 1979 | 463,572.88 | 288,113 | 327,908 | 158,843 | 19.67 | 8,075 |
| 1980 | 164,839.00 | 101,252 | 115,237 | 57,844 | 19.70 | 2,936 |
| 1981 | 990,866.00 | 601,003 | 684,015 | 356,394 | 19.74 | 18,054 |
| 1982 | 3,808,099.00 | 2,279,147 | 2,593,950 | 1,404,554 | 19.78 | 71,009 |
| 1983 | 15,077,984.00 | 8,902,426 | 10,132,056 | 5,699,828 | 19.81 | 287,725 |
| 1984 | 2,276,694.00 | 1,324,186 | 1,507,087 | 883,442 | 19.85 | 44,506 |
| 1985 | 694,241.00 | 397,476 | 452,377 | 276,576 | 19.89 | 13,905 |
| 1986 | 109,659,331.28 | 61,764,631 | 70,295,746 | 44,846,552 | 19.92 | 2,251,333 |
| 1987 | 8,559,832.69 | 4,735,685 | 5,389,792 | 3,598,032 | 19.96 | 180,262 |
| 1988 | 5,887,295.00 | 3,195,362 | 3,636,715 | 2,544,945 | 20.00 | 127,247 |
| 1989 | 25,552,296.24 | 13,596,594 | 15,474,596 | 11,355,315 | 20.03 | 566,915 |
| 1990 | 2,050,739.00 | 1,067,723 | 1,215,200 | 938,076 | 20.07 | 46,740 |
| 1991 | 2,240,531.00 | 1,139,485 | 1,296,874 | 1,055,683 | 20.11 | 52,495 |
| 1992 | 1,050,145.00 | 521,158 | 593,142 | 509,510 | 20.14 | 25,298 |
| 1993 | 2,550,525.00 | 1,231,502 | 1,401,601 | 1,276,451 | 20.18 | 63,253 |
| 1994 | 2,991,453.00 | 1,402,876 | 1,596,645 | 1,544,380 | 20.22 | 76,379 |
| 1995 | 269,354.00 | 122,318 | 139,213 | 143,609 | 20.26 | 7,088 |
| 1996 | 912,575.00 | 400,213 | 455,492 | 502,712 | 20.30 | 24,764 |
| 1997 | 185,630.00 | 78,343 | 89,164 | 105,748 | 20.34 | 5,199 |
| 1998 | 10,906,791.00 | 4,415,025 | 5,024,841 | 6,427,289 | 20.37 | 315,527 |
| 1999 | 1,113,109.00 | 429,649 | 488,993 | 679,771 | 20.42 | 33,289 |
| 2000 | 8,404,564.00 | 3,078,264 | 3,503,443 | 5,321,349 | 20.46 | 260,085 |
| 2001 | 6,269,822.00 | 2,164,264 | 2,463,199 | 4,120,114 | 20.50 | 200,981 |
| 2002 | 10,420,293.40 | 3,364,233 | 3,828,911 | 7,112,397 | 20.54 | 346,271 |
| 2003 | 10,225,444.76 | 3,056,421 | 3,478,583 | 7,258,134 | 20.58 | 352,679 |
| 2004 | 20,365,362.12 | 5,568,297 | 6,337,407 | 15,046,223 | 20.62 | 729,691 |
| 2005 | 20,902,592.60 | 5,133,133 | 5,842,137 | 16,105,586 | 20.67 | 779,177 |
| 2006 | 28,731,478.41 | 6,211,602 | 7,069,567 | 23,098,485 | 20.71 | 1,115,330 |
| 2007 | 16,869,357.86 | 3,103,464 | 3,532,124 | 14,180,702 | 20.76 | 683,078 |
| 2008 | 28,646,113.43 | 4,266,925 | 4,856,285 | 25,222,134 | 20.81 | 1,212,020 |
| 2009 | 50,927,879.31 | 5,661,321 | 6,443,280 | 47,030,994 | 20.86 | 2,254,602 |
| 2010 | 12,442,049.50 | 869,027 | 989,060 | 12,075,092 | 20.91 | 577,479 |
| 2011 | 123,752,664.04 | 3,026,310 | 3,444,313 | 126,495,984 | 20.97 | 6,032,236 |
| | 610,815,289.22 | 202,917,524 | 230,945,098 | 410,410,956 | | 19,945,335 |

DUKE ENERGY CAROLINAS

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1981 | 204,941,735.94 | 106,337,709 | 121,025,390 | 94,163,432 | 26.83 | 3,509,632 |
| 1982 | 2,026,405.00 | 1,034,819 | 1,177,751 | 949,974 | 26.90 | 35,315 |
| 1983 | 96,760.00 | 48,598 | 55,311 | 46,287 | 26.97 | 1,716 |
| 1984 | 214,183,929.80 | 105,679,529 | 120,276,301 | 104,616,826 | 27.04 | 3,868,965 |
| 1985 | 1,235,088.00 | 598,169 | 680,790 | 616,053 | 27.11 | 22,724 |
| 1986 | 14,881,382.00 | 7,066,454 | 8,042,494 | 7,582,957 | 27.18 | 278,990 |
| 1987 | 5,315,474.00 | 2,471,656 | 2,813,048 | 2,768,199 | 27.25 | 101,585 |
| 1988 | 3,384,719.00 | 1,538,827 | 1,751,374 | 1,802,581 | 27.33 | 65,956 |
| 1989 | 13,019,177.00 | 5,779,597 | 6,577,892 | 7,092,244 | 27.40 | 258,841 |
| 1990 | 340,959.00 | 147,599 | 167,986 | 190,021 | 27.47 | 6,917 |
| 1991 | 11,918,971.00 | 5,022,237 | 5,715,923 | 6,798,996 | 27.54 | 246,877 |
| 1992 | 1,132,967.00 | 463,914 | 527,991 | 661,624 | 27.61 | 23,963 |
| 1993 | 3,362,794.00 | 1,334,622 | 1,518,964 | 2,011,970 | 27.68 | 72,687 |
| 1994 | 1,546,956.00 | 593,423 | 675,388 | 948,915 | 27.76 | 34,183 |
| 1995 | 8,243,926.61 | 3,049,898 | 3,471,159 | 5,184,964 | 27.83 | 186,308 |
| 1996 | 523,936.00 | 186,335 | 212,072 | 338,061 | 27.90 | 12,117 |
| 1997 | 2,093,203.00 | 712,437 | 810,841 | 1,387,022 | 27.98 | 49,572 |
| 1998 | 9,459,152.50 | 3,071,803 | 3,496,090 | 6,436,021 | 28.05 | 229,448 |
| 1999 | 1,009,586.00 | 311,013 | 353,971 | 706,094 | 28.13 | 25,101 |
| 2000 | 4,118,318.00 | 1,196,386 | 1,361,634 | 2,962,599 | 28.21 | 105,019 |
| 2001 | 1,328,072.00 | 361,852 | 411,832 | 982,644 | 28.28 | 34,747 |
| 2002 | 223,328.00 | 56,490 | 64,293 | 170,202 | 28.36 | 6,001 |
| 2003 | 504,263.47 | 117,369 | 133,580 | 395,896 | 28.44 | 13,920 |
| 2004 | 13,522,778.50 | 2,851,711 | 3,245,598 | 10,953,320 | 28.53 | 383,923 |
| 2005 | 2,372,197.04 | 446,577 | 508,260 | 1,982,547 | 28.61 | 69,296 |
| 2006 | 11,854,793.22 | 1,947,043 | 2,215,974 | 10,231,558 | 28.69 | 356,625 |
| 2007 | 4,791,223.22 | 663,208 | 754,812 | 4,275,972 | 28.78 | 148,574 |
| 2008 | 16,711,995.58 | 1,858,641 | 2,115,362 | 15,432,233 | 28.87 | 534,542 |
| 2009 | 9,695,036.61 | 793,820 | 903,465 | 9,276,324 | 28.97 | 320,204 |
| 2010 | 20,835,562.67 | 1,060,176 | 1,206,611 | 20,670,730 | 29.06 | 711,312 |
| 2011 | 9,615,689.87 | 166,794 | 189,832 | 9,906,642 | 29.17 | 339,617 |
| | 594,290,380.03 | 256,968,706 | 292,461,990 | 331,542,909 | | 12,054,677 |
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1978 | 82,804.17 | 44,191 | 50,295 | 36,650 | 27.35 | 1,340 |
| 1985 | 93,098,079.90 | 44,344,664 | 50,469,681 | 47,283,303 | 27.87 | 1,696,566 |
| 1986 | 66,654,543.99 | 31,112,841 | 35,410,239 | 34,577,032 | 27.95 | 1,237,103 |
| 1987 | 2,378,757.45 | 1,087,272 | 1,237,449 | 1,260,246 | 28.02 | 44,977 |

DUKE ENERGY CAROLINAS

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1988 | 7,584,182.01 | 3,388,264 | 3,856,261 | 4,107,130 | 28.10 | 146,161 |
| 1989 | 42,372.08 | 18,489 | 21,043 | 23,448 | 28.17 | 832 |
| 1990 | 238,937.70 | 101,581 | 115,612 | 135,273 | 28.25 | 4,788 |
| 1991 | 730,676.75 | 302,350 | 344,111 | 423,099 | 28.32 | 14,940 |
| 1992 | 1,193,566.83 | 479,504 | 545,735 | 707,511 | 28.40 | 24,912 |
| 1993 | 33,707.21 | 13,122 | 14,934 | 20,458 | 28.48 | 718 |
| 1994 | 826,479.45 | 311,047 | 354,010 | 513,794 | 28.55 | 17,996 |
| 1995 | 148,413.73 | 53,833 | 61,269 | 94,566 | 28.63 | 3,303 |
| 1996 | 1,111,586.96 | 387,336 | 440,836 | 726,330 | 28.71 | 25,299 |
| 1997 | 281,512.64 | 93,882 | 106,849 | 188,739 | 28.79 | 6,556 |
| 1998 | 2,139,331.66 | 679,865 | 773,770 | 1,472,528 | 28.87 | 51,005 |
| 1999 | 305,831.34 | 92,201 | 104,936 | 216,187 | 28.95 | 7,468 |
| 2000 | 96,270.48 | 27,373 | 31,154 | 69,930 | 29.03 | 2,409 |
| 2001 | 130,289.64 | 34,692 | 39,484 | 97,320 | 29.11 | 3,343 |
| 2002 | 553,681.04 | 136,853 | 155,756 | 425,610 | 29.20 | 14,576 |
| 2003 | 2,243,558.43 | 509,475 | 579,845 | 1,775,891 | 29.28 | 60,652 |
| 2004 | 2,472,529.96 | 509,418 | 579,780 | 2,016,376 | 29.37 | 68,654 |
| 2005 | 1,934,117.80 | 354,968 | 403,997 | 1,626,826 | 29.46 | 55,222 |
| 2006 | 2,584,063.44 | 413,285 | 470,369 | 2,242,897 | 29.55 | 75,902 |
| 2007 | 2,632,432.45 | 355,153 | 404,208 | 2,359,846 | 29.64 | 79,617 |
| 2008 | 6,778,672.61 | 732,188 | 833,320 | 6,284,286 | 29.74 | 211,308 |
| 2009 | 3,290,980.09 | 262,171 | 298,383 | 3,157,146 | 29.84 | 105,802 |
| 2010 | 1,394,756.54 | 68,978 | 78,505 | 1,385,989 | 29.94 | 46,292 |
| 2011 | 1,323,725.06 | 22,294 | 25,373 | 1,364,538 | 30.05 | 45,409 |
| | 202,285,861.41 | 85,937,290 | 97,807,205 | 114,592,949 | | 4,053,150 |
| | 1,407,391,530.66 | 545,823,520 | 621,214,293 | 856,546,814 | | 36,053,162 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.8 2.56

DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1974 | 120,809.64 | 81,877 | 96,319 | 32,947 | 17.23 | 1,912 |
| 1977 | 2,549,117.10 | 1,676,846 | 1,972,628 | 754,928 | 17.57 | 42,967 |
| 1978 | 5,822,352.55 | 3,788,786 | 4,457,097 | 1,772,821 | 17.68 | 100,273 |
| 1979 | 7,727,384.00 | 4,972,804 | 5,849,966 | 2,418,335 | 17.78 | 136,014 |
| 1980 | 5,845,530.88 | 3,716,804 | 4,372,418 | 1,882,301 | 17.89 | 105,215 |
| 1981 | 6,162,135.96 | 3,868,266 | 4,550,596 | 2,042,889 | 18.00 | 113,494 |
| 1982 | 4,610,193.76 | 2,856,499 | 3,360,362 | 1,572,546 | 18.10 | 86,881 |
| 1983 | 108,447.00 | 66,249 | 77,935 | 38,104 | 18.21 | 2,092 |
| 1984 | 11,258,648.55 | 6,777,383 | 7,972,857 | 4,073,897 | 18.31 | 222,496 |
| 1985 | 3,518,495.96 | 2,084,979 | 2,452,752 | 1,312,039 | 18.41 | 71,268 |
| 1986 | 82,858,276.04 | 48,287,773 | 56,805,337 | 31,853,018 | 18.51 | 1,720,855 |
| 1987 | 440,209.00 | 252,045 | 296,504 | 174,520 | 18.61 | 9,378 |
| 1988 | 18,699,575.21 | 10,507,087 | 12,360,450 | 7,648,095 | 18.71 | 408,770 |
| 1989 | 5,929,603.00 | 3,264,082 | 3,839,839 | 2,504,836 | 18.81 | 133,165 |
| 1990 | 8,215,527.41 | 4,425,283 | 5,205,866 | 3,584,748 | 18.91 | 189,569 |
| 1991 | 6,343,148.00 | 3,339,151 | 3,928,150 | 2,859,019 | 19.00 | 150,475 |
| 1992 | 7,716,626.00 | 3,960,865 | 4,659,529 | 3,597,261 | 19.10 | 188,338 |
| 1993 | 8,889,625.00 | 4,440,249 | 5,223,472 | 4,288,427 | 19.20 | 223,356 |
| 1994 | 7,687,497.00 | 3,729,415 | 4,387,253 | 3,838,369 | 19.29 | 198,982 |
| 1995 | 5,361,427.00 | 2,518,136 | 2,962,314 | 2,774,413 | 19.39 | 143,085 |
| 1997 | 16,587,094.44 | 7,242,149 | 8,519,604 | 9,228,587 | 19.57 | 471,568 |
| 1998 | 3,934,886.00 | 1,645,523 | 1,935,780 | 2,274,548 | 19.67 | 115,635 |
| 1999 | 2,874,852.00 | 1,147,075 | 1,349,410 | 1,726,682 | 19.76 | 87,383 |
| 2000 | 21,240,626.34 | 8,041,888 | 9,460,411 | 13,267,060 | 19.85 | 668,366 |
| 2001 | 17,777,342.50 | 6,340,522 | 7,458,938 | 11,562,819 | 19.94 | 579,881 |
| 2002 | 32,144,382.39 | 10,720,074 | 12,611,006 | 21,783,483 | 20.03 | 1,087,543 |
| 2003 | 157,080,533.12 | 48,454,679 | 57,001,684 | 111,074,487 | 20.12 | 5,520,601 |
| 2004 | 323,017,622.12 | 91,194,174 | 107,280,073 | 238,348,783 | 20.20 | 11,799,445 |
| 2005 | 32,824,712.56 | 8,321,560 | 9,789,414 | 25,333,028 | 20.29 | 1,248,547 |
| 2006 | 33,997,847.48 | 7,564,014 | 8,898,244 | 27,479,453 | 20.38 | 1,348,354 |
| 2007 | 40,675,863.40 | 7,703,167 | 9,061,942 | 34,461,232 | 20.46 | 1,684,322 |
| 2008 | 47,571,657.97 | 7,298,791 | 8,586,237 | 42,315,437 | 20.55 | 2,059,145 |
| 2009 | 31,192,236.62 | 3,554,178 | 4,181,106 | 29,194,588 | 20.64 | 1,414,466 |
| 2010 | 32,727,929.44 | 2,349,417 | 2,763,835 | 32,255,050 | 20.72 | 1,556,711 |
| 2011 | 127,406,333.01 | 3,135,470 | 3,688,541 | 132,636,235 | 20.81 | 6,373,678 |
| | 1,120,918,548.45 | 329,327,260 | 387,417,867 | 811,964,980 | | 40,264,230 |

DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1981 | 339,150,048.99 | 186,903,150 | 219,871,321 | 143,019,231 | 23.21 | 6,161,966 |
| 1982 | 2,468,140.00 | 1,338,281 | 1,574,343 | 1,066,567 | 23.40 | 45,580 |
| 1983 | 1,241,978.00 | 661,920 | 778,677 | 550,239 | 23.59 | 23,325 |
| 1984 | 427,685,650.58 | 223,750,506 | 263,218,247 | 194,405,400 | 23.79 | 8,171,728 |
| 1985 | 2,662,944.00 | 1,366,862 | 1,607,965 | 1,241,385 | 23.98 | 51,768 |
| 1986 | 13,637,556.00 | 6,859,348 | 8,069,280 | 6,522,905 | 24.17 | 269,876 |
| 1987 | 2,457,630.00 | 1,210,513 | 1,424,037 | 1,205,627 | 24.35 | 49,512 |
| 1988 | 3,560,875.00 | 1,714,180 | 2,016,547 | 1,793,589 | 24.54 | 73,088 |
| 1989 | 6,161,972.00 | 2,895,122 | 3,405,798 | 3,187,512 | 24.73 | 128,893 |
| 1990 | 4,524.00 | 2,072 | 2,437 | 2,403 | 24.91 | 96 |
| 1991 | 5,161,617.00 | 2,299,085 | 2,704,625 | 2,818,306 | 25.10 | 112,283 |
| 1992 | 2,060,096.00 | 891,288 | 1,048,504 | 1,155,799 | 25.28 | 45,720 |
| 1993 | 3,200,680.00 | 1,341,740 | 1,578,412 | 1,846,316 | 25.46 | 72,518 |
| 1994 | 144,356.00 | 58,474 | 68,788 | 85,673 | 25.64 | 3,341 |
| 1995 | 1,469,307.00 | 573,555 | 674,725 | 897,433 | 25.82 | 34,757 |
| 1996 | 1,740,438.00 | 652,707 | 767,839 | 1,094,430 | 26.00 | 42,093 |
| 1997 | 256,262,989.60 | 92,002,795 | 108,231,328 | 165,970,071 | 26.18 | 6,339,575 |
| 1998 | 6,096,284.94 | 2,084,563 | 2,452,263 | 4,070,762 | 26.36 | 154,430 |
| 1999 | 8,710,790.00 | 2,824,591 | 3,322,826 | 5,997,720 | 26.54 | 225,988 |
| 2000 | 5,561,669.00 | 1,700,970 | 2,001,007 | 3,949,979 | 26.71 | 147,884 |
| 2001 | 6,113,985.00 | 1,749,975 | 2,058,656 | 4,483,308 | 26.89 | 166,728 |
| 2002 | 6,793,483.00 | 1,806,644 | 2,125,321 | 5,143,706 | 27.06 | 190,085 |
| 2003 | 7,354,511.17 | 1,795,072 | 2,111,708 | 5,757,619 | 27.24 | 211,366 |
| 2004 | 6,527,443.60 | 1,444,995 | 1,699,880 | 5,284,484 | 27.41 | 192,794 |
| 2005 | 4,736,446.74 | 933,880 | 1,098,609 | 3,969,389 | 27.58 | 143,923 |
| 2006 | 5,803,953.34 | 997,487 | 1,173,435 | 5,036,795 | 27.75 | 181,506 |
| 2007 | 6,357,465.31 | 920,649 | 1,083,044 | 5,719,444 | 27.92 | 204,851 |
| 2008 | 24,963,037.36 | 2,899,152 | 3,410,538 | 23,299,912 | 28.09 | 829,474 |
| 2009 | 25,966,045.60 | 2,224,916 | 2,617,373 | 25,166,296 | 28.26 | 890,527 |
| 2010 | 57,762,888.02 | 3,058,175 | 3,597,612 | 58,208,678 | 28.43 | 2,047,439 |
| 2011 | 78,412,728.26 | 1,441,430 | 1,695,686 | 82,205,933 | 28.60 | 2,874,333 |
| | 1,320,231,533.51 | 550,404,097 | 647,490,832 | 765,156,909 | | 30,087,447 |
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1985 | 127,460,646.80 | 64,573,208 | 75,963,388 | 60,419,504 | 24.51 | 2,465,096 |
| 1986 | 129,344,233.47 | 64,200,217 | 75,524,605 | 62,873,725 | 24.71 | 2,544,465 |
| 1987 | 4,167,242.88 | 2,023,694 | 2,380,657 | 2,078,293 | 24.91 | 83,432 |
| 1988 | 2,355,592.32 | 1,117,784 | 1,314,952 | 1,205,532 | 25.11 | 48,010 |

DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1989 | 385,463.59 | 178,531 | 210,022 | 202,424 | 25.30 | 8,001 |
| 1990 | 765,983.81 | 345,577 | 406,534 | 413,069 | 25.50 | 16,199 |
| 1991 | 636,001.35 | 278,925 | 328,125 | 352,396 | 25.70 | 13,712 |
| 1992 | 390,726.43 | 166,357 | 195,701 | 222,376 | 25.89 | 8,589 |
| 1993 | 405,054.00 | 167,074 | 196,544 | 236,863 | 26.08 | 9,082 |
| 1994 | 164,924.61 | 65,680 | 77,265 | 99,204 | 26.28 | 3,775 |
| 1995 | 803,887.11 | 308,333 | 362,720 | 497,439 | 26.47 | 18,793 |
| 1996 | 25,120,967.75 | 9,250,827 | 10,882,596 | 15,996,839 | 26.66 | 600,031 |
| 1997 | 413,704.36 | 145,747 | 171,456 | 271,208 | 26.85 | 10,101 |
| 1998 | 521,588.48 | 175,081 | 205,964 | 352,136 | 27.04 | 13,023 |
| 1999 | 267,495.71 | 85,113 | 100,126 | 186,094 | 27.22 | 6,837 |
| 2000 | 115,873.18 | 34,740 | 40,868 | 83,116 | 27.41 | 3,032 |
| 2001 | 607,075.48 | 170,207 | 200,230 | 449,341 | 27.60 | 16,280 |
| 2002 | 1,003,654.22 | 261,239 | 307,319 | 766,591 | 27.78 | 27,595 |
| 2003 | 537,885.42 | 128,500 | 151,166 | 424,371 | 27.97 | 15,172 |
| 2004 | 4,008,303.34 | 867,727 | 1,020,787 | 3,268,098 | 28.15 | 116,096 |
| 2005 | 3,874,386.21 | 747,326 | 879,148 | 3,266,445 | 28.33 | 115,300 |
| 2006 | 4,121,115.03 | 689,925 | 811,622 | 3,597,971 | 28.52 | 126,156 |
| 2007 | 5,130,655.85 | 723,995 | 851,702 | 4,638,100 | 28.70 | 161,606 |
| 2008 | 12,613,617.55 | 1,425,373 | 1,676,797 | 11,819,774 | 28.88 | 409,272 |
| 2009 | 15,354,990.95 | 1,277,420 | 1,502,746 | 14,927,094 | 29.06 | 513,665 |
| 2010 | 10,739,019.28 | 553,624 | 651,279 | 10,839,472 | 29.24 | 370,707 |
| 2011 | 13,841,321.64 | 242,591 | 285,382 | 14,524,832 | 29.42 | 493,706 |
| | 365,151,410.82 | 150,204,815 | 176,699,703 | 214,012,307 | | 8,217,733 |
| | 2,806,301,492.78 | 1,029,936,172 | 1,211,608,402 | 1,791,134,196 | | 78,569,410 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 22.8 2.80

DUKE ENERGY CAROLINAS

ACCOUNT 323 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1973 | 15,467,161.54 | 10,619,892 | 12,955,062 | 4,058,815 | 16.84 | 241,022 |
| 1974 | 24,330,678.39 | 16,529,290 | 20,163,857 | 6,599,889 | 16.99 | 388,457 |
| 1975 | 252,448.00 | 169,593 | 206,884 | 70,809 | 17.14 | 4,131 |
| 1977 | 44,096.00 | 28,942 | 35,306 | 13,200 | 17.42 | 758 |
| 1979 | 1,811,890.00 | 1,159,653 | 1,414,645 | 578,434 | 17.68 | 32,717 |
| 1980 | 2,099.00 | 1,325 | 1,616 | 693 | 17.81 | 39 |
| 1982 | 16,530.00 | 10,141 | 12,371 | 5,812 | 18.05 | 322 |
| 1984 | 971.00 | 577 | 704 | 364 | 18.28 | 20 |
| 1986 | 3,974,544.00 | 2,279,385 | 2,780,591 | 1,591,408 | 18.49 | 86,069 |
| 1987 | 66,647.00 | 37,494 | 45,738 | 27,573 | 18.59 | 1,483 |
| 1988 | 13,150,578.00 | 7,252,057 | 8,846,686 | 5,618,950 | 18.68 | 300,800 |
| 1992 | 495,548.00 | 248,452 | 303,083 | 242,020 | 19.02 | 12,725 |
| 1993 | 105,467.00 | 51,393 | 62,694 | 53,320 | 19.10 | 2,792 |
| 1994 | 7,498,940.00 | 3,545,349 | 4,324,923 | 3,923,911 | 19.17 | 204,690 |
| 1995 | 630,147.00 | 288,168 | 351,532 | 341,629 | 19.24 | 17,756 |
| 1998 | 14,538,096.00 | 5,906,770 | 7,205,589 | 8,786,317 | 19.43 | 452,204 |
| 1999 | 16,601,782.00 | 6,429,306 | 7,843,023 | 10,418,937 | 19.49 | 534,579 |
| 2000 | 5,356,519.00 | 1,964,744 | 2,396,765 | 3,495,406 | 19.55 | 178,793 |
| 2001 | 7,456,201.00 | 2,577,094 | 3,143,762 | 5,058,059 | 19.60 | 258,064 |
| 2002 | 14,352,985.96 | 4,632,598 | 5,651,244 | 10,137,041 | 19.65 | 515,880 |
| 2003 | 14,289,287.04 | 4,266,710 | 5,204,902 | 10,513,314 | 19.70 | 533,671 |
| 2004 | 20,800,090.26 | 5,672,205 | 6,919,446 | 15,960,653 | 19.75 | 808,134 |
| 2005 | 21,604,276.73 | 5,283,131 | 6,444,820 | 17,319,884 | 19.80 | 874,742 |
| 2006 | 5,754,314.00 | 1,237,212 | 1,509,258 | 4,820,487 | 19.84 | 242,968 |
| 2007 | 6,156,869.88 | 1,124,515 | 1,371,781 | 5,400,776 | 19.89 | 271,532 |
| 2008 | 10,687,156.76 | 1,577,991 | 1,924,970 | 9,830,903 | 19.93 | 493,272 |
| 2009 | 37,569,391.88 | 4,134,699 | 5,043,863 | 36,282,468 | 19.97 | 1,816,849 |
| 2010 | 15,053,103.00 | 1,031,589 | 1,258,421 | 15,299,992 | 20.02 | 764,235 |
| 2011 | 5,583,550.60 | 131,805 | 160,787 | 5,981,119 | 20.06 | 298,161 |
| | 263,651,369.04 | 88,192,080 | 107,584,324 | 182,432,182 | | 9,336,865 |
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1981 | 83,648,203.97 | 45,313,654 | 55,277,513 | 36,735,512 | 22.93 | 1,602,072 |
| 1983 | 1,636,521.00 | 852,886 | 1,040,424 | 759,749 | 23.38 | 32,496 |
| 1984 | 148,077,244.93 | 75,578,626 | 92,197,342 | 70,687,627 | 23.60 | 2,995,238 |
| 1985 | 6,009.00 | 3,000 | 3,660 | 2,950 | 23.82 | 124 |
| 1986 | 23,728,329.03 | 11,578,997 | 14,125,062 | 11,976,100 | 24.03 | 498,381 |
| 1987 | 429.00 | 204 | 249 | 223 | 24.23 | 9 |

DUKE ENERGY CAROLINAS

ACCOUNT 323 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1988 | 1,286,523.00 | 597,798 | 729,246 | 685,930 | 24.42 | 28,089 |
| 1990 | 203,266.00 | 89,448 | 109,116 | 114,476 | 24.79 | 4,618 |
| 1991 | 27,353,143.74 | 11,678,534 | 14,246,485 | 15,841,973 | 24.97 | 634,440 |
| 1993 | 367,602.00 | 146,994 | 179,316 | 225,046 | 25.30 | 8,895 |
| 1997 | 341,343.00 | 115,970 | 141,470 | 234,007 | 25.89 | 9,039 |
| 1998 | 716,404.00 | 231,598 | 282,523 | 505,521 | 26.02 | 19,428 |
| 2000 | 36,312.00 | 10,468 | 12,770 | 27,173 | 26.27 | 1,034 |
| 2003 | 77,963.10 | 17,856 | 21,782 | 63,977 | 26.62 | 2,403 |
| 2004 | 239,799.65 | 49,744 | 60,682 | 203,098 | 26.72 | 7,601 |
| 2005 | 596,771.50 | 110,152 | 134,373 | 522,076 | 26.83 | 19,459 |
| 2006 | 19,770,616.12 | 3,172,769 | 3,870,418 | 17,877,260 | 26.93 | 663,842 |
| 2007 | 2,096,488.41 | 283,678 | 346,055 | 1,960,082 | 27.02 | 72,542 |
| 2008 | 7,335,411.24 | 793,985 | 968,572 | 7,100,381 | 27.12 | 261,813 |
| 2009 | 9,568,899.98 | 760,804 | 928,094 | 9,597,695 | 27.21 | 352,727 |
| 2010 | 13,683,087.21 | 674,152 | 822,389 | 14,229,007 | 27.30 | 521,209 |
| 2011 | 1,217,402.48 | 20,221 | 24,667 | 1,314,475 | 27.39 | 47,991 |
| | 341,987,770.36 | 152,081,538 | 185,522,208 | 190,664,339 | | 7,783,450 |
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1985 | 25,123,984.27 | 12,365,070 | 15,083,981 | 12,552,401 | 24.33 | 515,923 |
| 1986 | 39,054,674.39 | 18,781,315 | 22,911,072 | 20,049,070 | 24.55 | 816,663 |
| 1987 | 142,484.19 | 66,881 | 81,587 | 75,145 | 24.76 | 3,035 |
| 1988 | 53,223.01 | 24,341 | 29,693 | 28,852 | 24.97 | 1,155 |
| 1991 | 186,302.34 | 78,215 | 95,413 | 109,519 | 25.55 | 4,286 |
| 1992 | 212,995.72 | 86,577 | 105,614 | 128,681 | 25.73 | 5,001 |
| 1993 | 4,237,876.56 | 1,663,795 | 2,029,641 | 2,632,023 | 25.91 | 101,583 |
| 1994 | 103,746.08 | 39,246 | 47,876 | 66,245 | 26.08 | 2,540 |
| 2001 | 5,996.12 | 1,579 | 1,926 | 4,670 | 27.08 | 172 |
| 2002 | 3,374.05 | 822 | 1,003 | 2,709 | 27.21 | 100 |
| 2003 | 34,406.22 | 7,682 | 9,371 | 28,476 | 27.33 | 1,042 |
| 2004 | 1,191,632.61 | 240,950 | 293,932 | 1,016,864 | 27.44 | 37,058 |
| 2005 | 809,870.38 | 145,548 | 177,552 | 713,305 | 27.55 | 25,891 |
| 2006 | 1,228,815.42 | 192,022 | 234,245 | 1,117,452 | 27.66 | 40,400 |
| 2007 | 2,005,070.27 | 263,721 | 321,710 | 1,883,868 | 27.76 | 67,863 |
| 2008 | 3,743,411.79 | 394,275 | 480,971 | 3,636,782 | 27.86 | 130,538 |

DUKE ENERGY CAROLINAS

ACCOUNT 323 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 2,462,576.03 | 190,919 | 232,899 | 2,475,934 | 27.96 | 88,553 |
| 2010 | 1,166,686.18 | 55,569 | 67,788 | 1,215,567 | 28.06 | 43,320 |
| 2011 | 2,021,858.23 | 33,472 | 40,832 | 2,183,212 | 28.15 | 77,556 |
| | 83,788,983.86 | 34,631,999 | 42,247,106 | 49,920,776 | | 1,962,679 |
| | 689,428,123.26 | 274,905,617 | 335,353,638 | 423,017,297 | | 19,082,994 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 22.2 2.77

DUKE ENERGY CAROLINAS

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1973 | 5,307,356.00 | 3,728,096 | 4,153,236 | 1,419,488 | 14.26 | 99,543 |
| 1974 | 23,623,968.88 | 16,424,990 | 18,298,042 | 6,507,125 | 14.48 | 449,387 |
| 1975 | 4,443.00 | 3,057 | 3,406 | 1,260 | 14.69 | 86 |
| 1977 | 746,289.00 | 502,415 | 559,709 | 223,895 | 15.10 | 14,827 |
| 1978 | 14,071.00 | 9,364 | 10,432 | 4,343 | 15.30 | 284 |
| 1979 | 110,174.00 | 72,445 | 80,706 | 34,976 | 15.50 | 2,257 |
| 1980 | 1,143,400.00 | 742,408 | 827,070 | 373,500 | 15.70 | 23,790 |
| 1981 | 215,699.00 | 138,201 | 153,961 | 72,523 | 15.90 | 4,561 |
| 1982 | 110,442.00 | 69,802 | 77,762 | 38,202 | 16.09 | 2,374 |
| 1983 | 389,271.00 | 242,404 | 270,047 | 138,688 | 16.29 | 8,514 |
| 1984 | 294,634.00 | 180,685 | 201,290 | 108,076 | 16.48 | 6,558 |
| 1985 | 1,713.00 | 1,034 | 1,152 | 647 | 16.66 | 39 |
| 1986 | 28,069,500.00 | 16,653,705 | 18,552,839 | 10,920,136 | 16.85 | 648,079 |
| 1987 | 659,707.00 | 384,264 | 428,084 | 264,608 | 17.04 | 15,529 |
| 1988 | 1,588,259.00 | 907,547 | 1,011,041 | 656,631 | 17.22 | 38,132 |
| 1989 | 962,115.00 | 538,589 | 600,008 | 410,213 | 17.40 | 23,575 |
| 1990 | 635,066.00 | 347,746 | 387,402 | 279,417 | 17.58 | 15,894 |
| 1991 | 10,591,542.00 | 5,663,541 | 6,309,393 | 4,811,727 | 17.76 | 270,931 |
| 1992 | 39,697.00 | 20,689 | 23,048 | 18,634 | 17.94 | 1,039 |
| 1993 | 701,018.00 | 355,323 | 395,843 | 340,226 | 18.12 | 18,776 |
| 1994 | 1,077,818.00 | 530,341 | 590,819 | 540,890 | 18.29 | 29,573 |
| 1995 | 1,543,919.00 | 734,997 | 818,814 | 802,301 | 18.47 | 43,438 |
| 1996 | 1,081,284.00 | 496,760 | 553,409 | 581,939 | 18.64 | 31,220 |
| 1997 | 17,388,116.00 | 7,680,939 | 8,556,848 | 9,700,674 | 18.81 | 515,719 |
| 1998 | 4,204,872.00 | 1,778,276 | 1,981,065 | 2,434,051 | 18.98 | 128,243 |
| 1999 | 16,970,815.00 | 6,845,662 | 7,626,319 | 10,193,037 | 19.14 | 532,552 |
| 2000 | 1,201,523.00 | 458,919 | 511,253 | 750,347 | 19.31 | 38,858 |
| 2001 | 3,338,687.00 | 1,200,500 | 1,337,401 | 2,168,220 | 19.47 | 111,362 |
| 2002 | 6,207,212.22 | 2,086,731 | 2,324,695 | 4,192,878 | 19.62 | 213,704 |
| 2003 | 9,863,233.54 | 3,061,143 | 3,410,226 | 6,946,170 | 19.78 | 351,171 |
| 2004 | 7,207,675.36 | 2,041,106 | 2,273,867 | 5,294,192 | 19.93 | 265,639 |
| 2005 | 2,867,153.47 | 727,610 | 810,584 | 2,199,927 | 20.08 | 109,558 |
| 2006 | 13,114,487.92 | 2,919,285 | 3,252,191 | 10,518,022 | 20.22 | 520,179 |
| 2007 | 29,151,058.56 | 5,510,162 | 6,138,523 | 24,470,089 | 20.36 | 1,201,871 |
| 2008 | 19,822,977.85 | 3,029,288 | 3,374,738 | 17,439,389 | 20.49 | 851,117 |
| 2009 | 15,774,480.90 | 1,784,685 | 1,988,205 | 14,575,000 | 20.62 | 706,838 |
| 2010 | 175,565.84 | 12,357 | 13,766 | 170,578 | 20.74 | 8,225 |
| 2011 | 543,078.51 | 13,355 | 14,878 | 555,354 | 20.85 | 26,636 |
| | 226,742,323.05 | 87,898,421 | 97,922,068 | 140,157,371 | | 7,330,078 |

DUKE ENERGY CAROLINAS

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1981 | 74,702,155.09 | 43,775,836 | 48,767,889 | 29,669,374 | 19.13 | 1,550,934 |
| 1982 | 1,098.00 | 632 | 704 | 449 | 19.47 | 23 |
| 1983 | 349,377.00 | 197,374 | 219,882 | 146,964 | 19.80 | 7,422 |
| 1984 | 62,422,059.86 | 34,594,337 | 38,539,362 | 27,003,801 | 20.12 | 1,342,137 |
| 1986 | 201,569.00 | 107,132 | 119,349 | 92,298 | 20.78 | 4,442 |
| 1987 | 840,762.00 | 436,748 | 486,553 | 396,247 | 21.11 | 18,771 |
| 1989 | 270,605.00 | 133,848 | 149,112 | 135,024 | 21.76 | 6,205 |
| 1991 | 1,060,316.00 | 496,346 | 552,948 | 560,384 | 22.40 | 25,017 |
| 1993 | 3,561,919.00 | 1,564,149 | 1,742,519 | 1,997,496 | 23.05 | 86,659 |
| 1996 | 175,317.00 | 68,641 | 76,469 | 107,614 | 24.00 | 4,484 |
| 1997 | 15,913,014.00 | 5,952,796 | 6,631,633 | 10,077,031 | 24.32 | 414,352 |
| 1998 | 46,418.00 | 16,530 | 18,415 | 30,324 | 24.63 | 1,231 |
| 1999 | 237,094.00 | 79,888 | 88,998 | 159,951 | 24.95 | 6,411 |
| 2000 | 1,160,078.00 | 367,885 | 409,837 | 808,245 | 25.26 | 31,997 |
| 2001 | 1,996,231.00 | 591,985 | 659,493 | 1,436,550 | 25.56 | 56,203 |
| 2002 | 1,504,926.00 | 413,199 | 460,319 | 1,119,853 | 25.87 | 43,288 |
| 2003 | 1,163,169.95 | 292,740 | 326,123 | 895,205 | 26.17 | 34,207 |
| 2004 | 911,586.49 | 207,351 | 230,997 | 726,169 | 26.47 | 27,434 |
| 2005 | 1,028,665.32 | 207,941 | 231,654 | 848,445 | 26.76 | 31,706 |
| 2006 | 1,130,045.32 | 198,059 | 220,645 | 965,903 | 27.05 | 35,708 |
| 2007 | 1,800,201.43 | 264,686 | 294,870 | 1,595,342 | 27.33 | 58,373 |
| 2008 | 7,077,806.96 | 832,127 | 927,020 | 6,504,677 | 27.60 | 235,677 |
| 2009 | 1,912,036.20 | 164,707 | 183,490 | 1,824,148 | 27.86 | 65,476 |
| 2010 | 10,630,922.35 | 561,695 | 625,749 | 10,536,720 | 28.12 | 374,706 |
| 2011 | 2,511,655.96 | 45,703 | 50,915 | 2,586,324 | 28.36 | 91,196 |
| | 192,609,028.93 | 91,572,335 | 102,014,944 | 100,224,536 | | 4,554,059 |
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1979 | 307.59 | 185 | 206 | 117 | 18.69 | 6 |
| 1981 | 103.57 | 60 | 67 | 42 | 19.38 | 2 |
| 1985 | 31,185,750.60 | 16,791,328 | 18,706,156 | 14,038,882 | 20.76 | 676,247 |
| 1986 | 25,710,927.24 | 13,539,541 | 15,083,546 | 11,912,928 | 21.11 | 564,326 |
| 1987 | 491,077.45 | 252,793 | 281,621 | 234,011 | 21.45 | 10,910 |
| 1988 | 466,788.45 | 234,507 | 261,249 | 228,878 | 21.79 | 10,504 |
| 1989 | 223,053.53 | 109,224 | 121,680 | 112,527 | 22.13 | 5,085 |
| 1990 | 26,878.36 | 12,808 | 14,269 | 13,954 | 22.47 | 621 |
| 1991 | 468,706.33 | 216,931 | 241,669 | 250,473 | 22.81 | 10,981 |
| 1992 | 100,215.01 | 44,959 | 50,086 | 55,140 | 23.15 | 2,382 |

DUKE ENERGY CAROLINAS

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1993 | 38,354.51 | 16,650 | 18,549 | 21,724 | 23.48 | 925 |
| 1996 | 281,784.62 | 108,834 | 121,245 | 174,629 | 24.49 | 7,131 |
| 1997 | 3,574,160.28 | 1,317,970 | 1,468,267 | 2,284,601 | 24.83 | 92,010 |
| 2002 | 109,013.39 | 29,404 | 32,757 | 81,707 | 26.47 | 3,087 |
| 2003 | 17,632.75 | 4,355 | 4,852 | 13,663 | 26.79 | 510 |
| 2004 | 657,539.20 | 146,831 | 163,575 | 526,841 | 27.10 | 19,441 |
| 2005 | 475,494.43 | 94,267 | 105,017 | 394,252 | 27.41 | 14,384 |
| 2006 | 629,629.96 | 108,125 | 120,455 | 540,656 | 27.72 | 19,504 |
| 2007 | 588,134.27 | 84,634 | 94,285 | 523,256 | 28.02 | 18,674 |
| 2008 | 1,529,936.72 | 175,406 | 195,409 | 1,411,025 | 28.31 | 49,842 |
| 2009 | 1,232,523.25 | 103,687 | 115,511 | 1,178,638 | 28.59 | 41,226 |
| 2010 | 282,602.48 | 14,567 | 16,228 | 280,504 | 28.86 | 9,719 |
| 2011 | 726,961.28 | 12,892 | 14,362 | 748,947 | 29.11 | 25,728 |
| | 68,817,575.27 | 33,419,958 | 37,231,060 | 35,027,394 | | 1,583,245 |
| | 488,168,927.25 | 212,890,714 | 237,168,072 | 275,409,301 | | 13,467,382 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.5 2.76

DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OCONEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2033 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1974 | 10,073,784.00 | 6,608,636 | 8,204,238 | 2,071,022 | 17.41 | 118,956 |
| 1975 | 982,088.00 | 637,070 | 790,885 | 210,844 | 17.59 | 11,987 |
| 1976 | 30,131.00 | 19,319 | 23,983 | 6,750 | 17.76 | 380 |
| 1977 | 419,344.00 | 265,625 | 329,758 | 97,973 | 17.93 | 5,464 |
| 1978 | 422,069.00 | 264,032 | 327,780 | 102,730 | 18.09 | 5,679 |
| 1979 | 389,518.00 | 240,550 | 298,629 | 98,679 | 18.24 | 5,410 |
| 1980 | 104,007.00 | 63,359 | 78,657 | 27,431 | 18.39 | 1,492 |
| 1981 | 605,188.00 | 363,554 | 451,331 | 165,961 | 18.53 | 8,956 |
| 1982 | 395,677.00 | 234,151 | 290,685 | 112,906 | 18.67 | 6,047 |
| 1983 | 1,854,930.00 | 1,080,859 | 1,341,824 | 550,205 | 18.80 | 29,266 |
| 1984 | 2,674,151.00 | 1,532,958 | 1,903,078 | 824,556 | 18.93 | 43,558 |
| 1985 | 1,088,763.00 | 613,461 | 761,576 | 348,962 | 19.05 | 18,318 |
| 1986 | 6,589,088.00 | 3,646,811 | 4,527,304 | 2,193,565 | 19.16 | 114,487 |
| 1987 | 3,146,498.00 | 1,708,699 | 2,121,251 | 1,088,177 | 19.27 | 56,470 |
| 1988 | 1,994,160.00 | 1,060,957 | 1,317,117 | 716,927 | 19.38 | 36,993 |
| 1989 | 2,230,484.00 | 1,161,549 | 1,441,996 | 833,098 | 19.48 | 42,767 |
| 1990 | 6,616,714.00 | 3,366,763 | 4,179,641 | 2,569,407 | 19.58 | 131,226 |
| 1991 | 3,342,473.00 | 1,659,726 | 2,060,454 | 1,348,869 | 19.67 | 68,575 |
| 1992 | 8,517,917.00 | 4,119,893 | 5,114,608 | 3,573,667 | 19.76 | 180,854 |
| 1993 | 9,437,396.00 | 4,437,845 | 5,509,327 | 4,116,817 | 19.84 | 207,501 |
| 1994 | 10,470,115.00 | 4,775,133 | 5,928,051 | 4,751,467 | 19.92 | 238,527 |
| 1995 | 4,704,873.00 | 2,075,363 | 2,576,443 | 2,222,528 | 20.00 | 111,126 |
| 1996 | 7,076,980.00 | 3,009,834 | 3,736,534 | 3,481,985 | 20.08 | 173,406 |
| 1997 | 3,863,900.00 | 1,579,742 | 1,961,158 | 1,980,020 | 20.15 | 98,264 |
| 1998 | 3,090,632.00 | 1,210,034 | 1,502,187 | 1,650,258 | 20.21 | 81,656 |
| 1999 | 2,682,033.00 | 1,000,326 | 1,241,847 | 1,493,827 | 20.28 | 73,660 |
| 2000 | 3,241,010.00 | 1,145,834 | 1,422,486 | 1,883,344 | 20.34 | 92,593 |
| 2001 | 3,933,094.00 | 1,308,996 | 1,625,043 | 2,386,713 | 20.40 | 116,996 |
| 2002 | 4,740,452.66 | 1,472,579 | 1,828,121 | 3,007,140 | 20.46 | 146,977 |
| 2003 | 3,967,927.32 | 1,139,756 | 1,414,941 | 2,632,345 | 20.51 | 128,344 |
| 2004 | 4,864,125.06 | 1,276,223 | 1,584,357 | 3,377,051 | 20.56 | 164,253 |
| 2005 | 5,370,801.60 | 1,263,715 | 1,568,829 | 3,909,389 | 20.61 | 189,684 |
| 2006 | 8,257,442.14 | 1,704,059 | 2,115,490 | 6,307,101 | 20.66 | 305,281 |
| 2007 | 5,280,057.93 | 926,333 | 1,149,989 | 4,235,670 | 20.70 | 204,622 |
| 2008 | 10,703,309.11 | 1,517,515 | 1,883,907 | 9,033,468 | 20.75 | 435,348 |
| 2009 | 14,778,473.08 | 1,560,013 | 1,936,666 | 13,137,377 | 20.79 | 631,908 |
| 2010 | 8,691,083.76 | 573,205 | 711,601 | 8,153,305 | 20.83 | 391,421 |
| 2011 | 12,234,109.48 | 280,648 | 348,408 | 12,130,383 | 20.86 | 581,514 |
| | 178,864,799.14 | 60,905,125 | 75,610,179 | 106,831,916 | | 5,259,966 |

DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MCGUIRE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1974 | 158.00 | 94 | 117 | 44 | 21.61 | 2 |
| 1975 | 2,818.00 | 1,657 | 2,057 | 817 | 21.96 | 37 |
| 1977 | 272.00 | 155 | 192 | 85 | 22.62 | 4 |
| 1978 | 65,293.00 | 36,573 | 45,403 | 21,196 | 22.93 | 924 |
| 1979 | 13,140.00 | 7,234 | 8,981 | 4,422 | 23.24 | 190 |
| 1980 | 11,791.00 | 6,375 | 7,914 | 4,113 | 23.54 | 175 |
| 1981 | 40,618,956.00 | 21,557,967 | 26,762,965 | 14,668,370 | 23.83 | 615,542 |
| 1982 | 122,686.00 | 63,866 | 79,286 | 45,854 | 24.11 | 1,902 |
| 1983 | 220,369.00 | 112,411 | 139,552 | 85,225 | 24.39 | 3,494 |
| 1984 | 19,169,425.00 | 9,578,141 | 11,890,706 | 7,662,107 | 24.65 | 310,836 |
| 1985 | 777,748.00 | 380,230 | 472,033 | 321,269 | 24.90 | 12,902 |
| 1986 | 3,501,052.00 | 1,672,691 | 2,076,549 | 1,494,524 | 25.15 | 59,424 |
| 1987 | 2,004,725.00 | 934,994 | 1,160,741 | 884,079 | 25.39 | 34,820 |
| 1988 | 2,890,222.00 | 1,314,908 | 1,632,382 | 1,315,644 | 25.61 | 51,372 |
| 1989 | 3,210,058.00 | 1,422,011 | 1,765,344 | 1,508,915 | 25.83 | 58,417 |
| 1990 | 10,808,880.41 | 4,656,544 | 5,780,829 | 5,244,229 | 26.04 | 201,391 |
| 1991 | 6,838,773.00 | 2,857,952 | 3,547,982 | 3,427,567 | 26.25 | 130,574 |
| 1992 | 2,744,403.00 | 1,111,431 | 1,379,777 | 1,419,514 | 26.44 | 53,688 |
| 1993 | 4,893,824.00 | 1,916,064 | 2,378,682 | 2,613,018 | 26.63 | 98,123 |
| 1994 | 4,875,918.00 | 1,840,520 | 2,284,899 | 2,688,538 | 26.81 | 100,281 |
| 1995 | 4,827,947.00 | 1,752,779 | 2,175,973 | 2,748,533 | 26.98 | 101,873 |
| 1996 | 4,058,035.00 | 1,412,211 | 1,753,178 | 2,386,018 | 27.15 | 87,883 |
| 1997 | 4,433,696.00 | 1,473,614 | 1,829,406 | 2,692,964 | 27.31 | 98,607 |
| 1998 | 2,597,290.00 | 821,396 | 1,019,715 | 1,629,520 | 27.46 | 59,342 |
| 1999 | 2,163,258.00 | 647,217 | 803,482 | 1,403,041 | 27.61 | 50,816 |
| 2000 | 3,130,204.00 | 881,279 | 1,094,057 | 2,098,751 | 27.75 | 75,631 |
| 2001 | 3,978,953.00 | 1,047,588 | 1,300,520 | 2,758,012 | 27.88 | 98,924 |
| 2002 | 3,711,762.00 | 905,118 | 1,123,651 | 2,662,346 | 28.01 | 95,050 |
| 2003 | 3,054,154.29 | 683,047 | 847,963 | 2,267,274 | 28.13 | 80,600 |
| 2004 | 2,728,422.86 | 552,006 | 685,283 | 2,097,708 | 28.25 | 74,255 |
| 2005 | 3,328,033.83 | 599,282 | 743,974 | 2,650,621 | 28.36 | 93,463 |
| 2006 | 3,707,064.17 | 580,150 | 720,223 | 3,060,983 | 28.47 | 107,516 |
| 2007 | 5,224,303.45 | 687,201 | 853,120 | 4,475,669 | 28.57 | 156,656 |
| 2008 | 11,667,560.00 | 1,228,412 | 1,525,002 | 10,375,909 | 28.67 | 361,908 |
| 2009 | 6,430,537.58 | 497,249 | 617,306 | 5,941,843 | 28.77 | 206,529 |
| 2010 | 8,057,245.60 | 385,443 | 478,505 | 7,739,885 | 28.86 | 268,187 |
| 2011 | 9,978,271.07 | 162,642 | 201,911 | 9,975,926 | 28.95 | 344,592 |
| | 185,847,249.26 | 63,788,452 | 79,189,662 | 110,374,532 | | 4,095,930 |

DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CATAWBA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1982 | 32.63 | 17 | 21 | 12 | 24.61 | |
| 1983 | 3,779.17 | 1,905 | 2,365 | 1,490 | 24.90 | 60 |
| 1984 | 242,087.70 | 119,492 | 148,342 | 98,587 | 25.18 | 3,915 |
| 1985 | 8,206,592.01 | 3,961,864 | 4,918,424 | 3,452,300 | 25.45 | 135,650 |
| 1986 | 3,175,454.94 | 1,497,567 | 1,859,143 | 1,379,821 | 25.71 | 53,669 |
| 1987 | 640,064.09 | 294,488 | 365,590 | 287,276 | 25.97 | 11,062 |
| 1988 | 1,202,356.31 | 539,274 | 669,477 | 556,926 | 26.21 | 21,249 |
| 1989 | 426,968.84 | 186,337 | 231,327 | 204,182 | 26.45 | 7,720 |
| 1990 | 848,977.55 | 360,152 | 447,108 | 418,849 | 26.67 | 15,705 |
| 1991 | 1,121,652.46 | 461,639 | 573,098 | 570,987 | 26.89 | 21,234 |
| 1992 | 1,542,910.72 | 614,714 | 763,132 | 810,637 | 27.10 | 29,913 |
| 1993 | 976,309.46 | 375,848 | 466,593 | 529,242 | 27.30 | 19,386 |
| 1994 | 1,536,887.00 | 570,176 | 707,840 | 859,784 | 27.50 | 31,265 |
| 1995 | 1,414,554.73 | 504,448 | 626,243 | 816,603 | 27.68 | 29,502 |
| 1996 | 883,657.83 | 301,874 | 374,759 | 526,572 | 27.86 | 18,901 |
| 1997 | 1,567,649.92 | 511,409 | 634,885 | 964,118 | 28.03 | 34,396 |
| 1998 | 870,345.03 | 269,770 | 334,904 | 552,848 | 28.20 | 19,605 |
| 1999 | 377,219.05 | 110,596 | 137,299 | 247,465 | 28.36 | 8,726 |
| 2000 | 682,157.20 | 188,061 | 233,467 | 462,334 | 28.51 | 16,217 |
| 2001 | 488,365.14 | 125,798 | 156,171 | 341,962 | 28.65 | 11,936 |
| 2002 | 757,071.95 | 180,621 | 224,230 | 547,983 | 28.79 | 19,034 |
| 2003 | 883,714.89 | 192,960 | 239,549 | 661,841 | 28.93 | 22,877 |
| 2004 | 1,494,289.23 | 295,278 | 366,571 | 1,157,605 | 29.05 | 39,849 |
| 2005 | 1,396,501.58 | 244,945 | 304,085 | 1,120,347 | 29.18 | 38,394 |
| 2006 | 1,609,900.72 | 245,559 | 304,847 | 1,337,251 | 29.29 | 45,656 |
| 2007 | 1,851,103.51 | 237,488 | 294,828 | 1,593,298 | 29.40 | 54,194 |
| 2008 | 3,672,453.39 | 375,714 | 466,427 | 3,279,475 | 29.51 | 111,131 |
| 2009 | 1,904,737.21 | 143,420 | 178,048 | 1,764,784 | 29.61 | 59,601 |
| 2010 | 1,700,940.29 | 79,149 | 98,259 | 1,636,700 | 29.71 | 55,089 |
| 2011 | 1,084,626.19 | 17,170 | 21,316 | 1,085,003 | 29.81 | 36,397 |
| | 42,563,360.74 | 13,007,733 | 16,148,346 | 27,266,282 | | 972,333 |

DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1997 | 61,696.00 | 20,127 | 24,986 | 37,944 | 28.03 | 1,354 |
| 1998 | 48,736.00 | 15,106 | 18,753 | 30,958 | 28.20 | 1,098 |
| 2006 | 7,273.00 | 1,109 | 1,377 | 6,042 | 29.29 | 206 |
| | 117,705.00 | 36,342 | 45,116 | 74,943 | | 2,658 |
| | 407,393,114.14 | 137,737,652 | 170,993,303 | 244,547,673 | | 10,330,887 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.7 2.54

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1964 | 6,879,922.00 | 3,536,624 | 4,777,921 | 2,102,001 | 44.10 | 47,664 |
| 1982 | 1,607.00 | 608 | 821 | 786 | 48.26 | 16 |
| 1989 | 18.00 | 6 | 8 | 10 | 49.12 | |
| | 6,881,547.00 | 3,537,238 | 4,778,751 | 2,102,796 | | 47,680 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1991 | 723,692.00 | 223,932 | 302,529 | 421,163 | 45.64 | 9,228 |
| | 723,692.00 | 223,932 | 302,529 | 421,163 | | 9,228 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1973 | 324,858.00 | 173,507 | 234,405 | 90,453 | 33.34 | 2,713 |
| 1975 | 4,171.00 | 2,169 | 2,930 | 1,241 | 33.49 | 37 |
| 1979 | 33,104.00 | 16,204 | 21,891 | 11,213 | 33.74 | 332 |
| 1987 | 74,046.00 | 30,913 | 41,763 | 32,283 | 34.10 | 947 |
| | 436,179.00 | 222,793 | 300,990 | 135,189 | | 4,029 |
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1971 | 12,066,994.00 | 6,607,886 | 9,094,298 | 2,972,696 | 33.17 | 89,620 |
| 1977 | 4,081.00 | 2,062 | 2,838 | 1,243 | 33.62 | 37 |
| | 12,071,075.00 | 6,609,948 | 9,097,136 | 2,973,939 | | 89,657 |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1916 | 35,796.00 | 29,750 | 35,796 | | | |
| | 35,796.00 | 29,750 | 35,796 | | | |
| BRIDGEWATER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1919 | 393,705.00 | 320,555 | 393,705 | | | |
| | 393,705.00 | 320,555 | 393,705 | | | |
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1917 | 6,113.00 | 5,161 | 6,113 | | | |
| 1960 | 10,535.00 | 7,206 | 10,535 | | | |
| | 16,648.00 | 12,367 | 16,648 | | | |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1915 | 7,426.00 | 6,211 | 7,426 | | | |
| | 7,426.00 | 6,211 | 7,426 | | | |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1923 | 319,558.00 | 252,406 | 319,558 | | | |
| 1998 | 4,355.00 | 928 | 4,355 | | | |
| | 323,913.00 | 253,334 | 323,913 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1910 | 15,682.00 | 13,633 | 15,682 | | | |
| 1979 | 1,420.00 | 812 | 1,420 | | | |
| | 17,102.00 | 14,445 | 17,102 | | | |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1928 | 695,790.00 | 527,033 | 695,790 | | | |
| | 695,790.00 | 527,033 | 695,790 | | | |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1925 | 199,929.00 | 155,367 | 199,929 | | | |
| | 199,929.00 | 155,367 | 199,929 | | | |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1927 | 245,404.00 | 193,616 | 245,404 | | | |
| | 245,404.00 | 193,616 | 245,404 | | | |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1919 | 204,111.00 | 166,187 | 204,111 | | | |
| | 204,111.00 | 166,187 | 204,111 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1925 | 1,152,940.00 | 895,961 | 1,152,940 | | | |
| 1974 | 36,176.00 | 16,009 | 36,176 | | | |
| | 1,189,116.00 | 911,970 | 1,189,116 | | | |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1954 | 326.00 | 220 | 326 | | | |
| 1956 | 109.00 | 72 | 109 | | | |
| | 435.00 | 292 | 435 | | | |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1940 | 736.00 | 540 | 736 | | | |
| 1944 | 8,897.00 | 6,378 | 8,897 | | | |
| 1945 | 539.00 | 384 | 539 | | | |
| 1946 | 1,072.00 | 760 | 1,072 | | | |
| 1947 | 765.00 | 539 | 765 | | | |
| 1948 | 300.00 | 210 | 300 | | | |
| 1949 | 114.00 | 79 | 114 | | | |
| | 12,423.00 | 8,890 | 12,423 | | | |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1941 | 6,560.00 | 4,752 | 6,560 | | | |
| 1942 | 60,785.00 | 43,773 | 60,785 | | | |
| 1943 | 993.00 | 711 | 993 | | | |
| 1949 | 499.00 | 344 | 499 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1950 | 245.00 | 168 | 245 | | | |
| 1952 | 401.00 | 271 | 401 | | | |
| 1953 | 10,821.00 | 7,277 | 10,821 | | | |
| | 80,304.00 | 57,296 | 80,304 | | | |
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1929 | 712.00 | 583 | 712 | | | |
| 1949 | 5,070.00 | 3,853 | 5,070 | | | |
| | 5,782.00 | 4,436 | 5,782 | | | |
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1956 | 711.00 | 473 | 711 | | | |
| | 711.00 | 473 | 711 | | | |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1941 | 47,127.00 | 34,363 | 47,127 | | | |
| | 47,127.00 | 34,363 | 47,127 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 330 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1949 | 204.00 | 142 | 204 | | | |
| 1950 | 511.00 | 354 | 511 | | | |
| 1954 | 803.00 | 541 | 803 | | | |
| | 1,518.00 | 1,037 | 1,518 | | | |
| | 23,589,733.00 | 13,291,533 | 17,956,646 | 5,633,087 | | 150,594 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.4 0.64

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1963 | 7,438,725.29 | 4,603,120 | 5,698,368 | 2,484,230 | 34.20 | 72,638 |
| 1974 | 6,040.00 | 3,113 | 3,854 | 2,790 | 39.83 | 70 |
| 1976 | 19,182.00 | 9,514 | 11,778 | 9,322 | 40.70 | 229 |
| 1984 | 101,670.00 | 42,097 | 52,113 | 59,724 | 43.67 | 1,368 |
| 1985 | 84,172.00 | 33,934 | 42,008 | 50,581 | 43.99 | 1,150 |
| 1986 | 244,736.00 | 95,968 | 118,802 | 150,407 | 44.30 | 3,395 |
| 1987 | 2,255.00 | 859 | 1,063 | 1,417 | 44.59 | 32 |
| 1988 | 110,058.00 | 40,671 | 50,348 | 70,716 | 44.87 | 1,576 |
| 1993 | 50,677.00 | 15,653 | 19,377 | 36,367 | 46.13 | 788 |
| 1994 | 9,195.00 | 2,721 | 3,368 | 6,746 | 46.36 | 146 |
| 1998 | 11,560.00 | 2,786 | 3,449 | 9,267 | 47.16 | 197 |
| 1999 | 323,640.00 | 73,230 | 90,654 | 265,350 | 47.34 | 5,605 |
| 2000 | 2,733,329.00 | 577,700 | 715,156 | 2,291,506 | 47.51 | 48,232 |
| 2001 | 926,024.00 | 181,244 | 224,368 | 794,258 | 47.68 | 16,658 |
| 2002 | 22,879.00 | 4,111 | 5,089 | 20,078 | 47.84 | 420 |
| 2003 | 360,270.00 | 58,854 | 72,857 | 323,440 | 47.99 | 6,740 |
| 2005 | 23,701.00 | 3,056 | 3,783 | 22,288 | 48.27 | 462 |
| 2006 | 807,997.00 | 89,653 | 110,985 | 777,812 | 48.40 | 16,070 |
| 2007 | 318,813.66 | 29,395 | 36,389 | 314,306 | 48.53 | 6,477 |
| 2008 | 302,951.03 | 22,128 | 27,393 | 305,853 | 48.65 | 6,287 |
| 2009 | 22,320.31 | 1,184 | 1,466 | 23,087 | 48.76 | 473 |
| 2010 | 23,261.75 | 752 | 931 | 24,657 | 48.87 | 505 |
| 2011 | 53,286.32 | 593 | 734 | 57,881 | 48.97 | 1,182 |
| | 13,996,743.36 | 5,892,336 | 7,294,335 | 8,102,083 | | 190,700 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1986 | 8,765.00 | 3,578 | 4,429 | 5,212 | 41.66 | 125 |
| 1988 | 59,950.00 | 23,120 | 28,621 | 37,324 | 42.12 | 886 |
| 1990 | 139,720.00 | 50,577 | 62,611 | 91,081 | 42.55 | 2,141 |
| 1991 | 222,360,090.01 | 77,771,776 | 96,276,489 | 148,319,610 | 42.75 | 3,469,465 |
| 1995 | 62,322.00 | 18,554 | 22,969 | 45,586 | 43.47 | 1,049 |
| 1998 | 122,633.00 | 31,235 | 38,667 | 96,229 | 43.94 | 2,190 |
| 1999 | 1,112,375.00 | 266,613 | 330,050 | 893,563 | 44.08 | 20,271 |
| 2000 | 139,149.00 | 31,175 | 38,593 | 114,471 | 44.22 | 2,589 |
| 2002 | 38,980.00 | 7,456 | 9,230 | 33,648 | 44.47 | 757 |
| 2005 | 139,475.00 | 19,227 | 23,802 | 129,621 | 44.81 | 2,893 |
| 2007 | 34,505.00 | 3,414 | 4,226 | 33,729 | 45.02 | 749 |
| 2008 | 95,082.54 | 7,451 | 9,224 | 95,367 | 45.11 | 2,114 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 387,448.18 | 22,081 | 27,335 | 398,858 | 45.20 | 8,824 |
| 2010 | 143,392.61 | 5,025 | 6,221 | 151,511 | 45.28 | 3,346 |
| 2011 | 23,066.15 | 277 | 343 | 25,030 | 45.36 | 552 |
| | 224,866,953.49 | 78,261,559 | 96,882,809 | 150,470,840 | | 3,517,951 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1973 | 13,493,987.58 | 8,074,951 | 9,996,273 | 4,847,113 | 30.51 | 158,870 |
| 1975 | 1,165,316.00 | 678,072 | 839,410 | 442,438 | 30.88 | 14,328 |
| 1977 | 22,657.00 | 12,796 | 15,841 | 9,082 | 31.21 | 291 |
| 1979 | 1,310.00 | 716 | 886 | 555 | 31.53 | 18 |
| 1981 | 11,298.00 | 5,964 | 7,383 | 5,045 | 31.81 | 159 |
| 1983 | 37,284.00 | 18,944 | 23,451 | 17,561 | 32.07 | 548 |
| 1985 | 65,504.00 | 31,903 | 39,494 | 32,561 | 32.32 | 1,007 |
| 1987 | 2,644.00 | 1,229 | 1,521 | 1,387 | 32.54 | 43 |
| 1990 | 182,616.00 | 78,328 | 96,965 | 103,913 | 32.84 | 3,164 |
| 1992 | 3,904,859.00 | 1,573,557 | 1,947,963 | 2,347,382 | 33.02 | 71,090 |
| 1995 | 51,697.00 | 18,634 | 23,068 | 33,799 | 33.26 | 1,016 |
| 1999 | 171,792.00 | 50,807 | 62,896 | 126,075 | 33.53 | 3,760 |
| 2000 | 211,838.00 | 58,852 | 72,855 | 160,167 | 33.59 | 4,768 |
| 2001 | 88,467.00 | 22,924 | 28,378 | 68,935 | 33.65 | 2,049 |
| 2004 | 89,113.00 | 17,641 | 21,838 | 76,186 | 33.81 | 2,253 |
| 2005 | 37,428.00 | 6,581 | 8,147 | 33,024 | 33.85 | 976 |
| 2006 | 11,282.00 | 1,719 | 2,128 | 10,282 | 33.90 | 303 |
| 2007 | 24,952.86 | 3,188 | 3,947 | 23,502 | 33.94 | 692 |
| 2008 | 328,531.14 | 33,486 | 41,454 | 319,931 | 33.98 | 9,415 |
| | 19,902,576.58 | 10,690,292 | 13,233,898 | 8,658,936 | | 274,750 |
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1967 | 124.00 | 80 | 99 | 37 | 29.22 | 1 |
| 1971 | 6,323,996.00 | 3,885,634 | 4,810,166 | 2,146,229 | 30.11 | 71,280 |
| 1973 | 4,117.00 | 2,464 | 3,050 | 1,478 | 30.51 | 48 |
| 1977 | 23,625.00 | 13,342 | 16,517 | 9,471 | 31.21 | 303 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1980 | 13,185.00 | 7,087 | 8,773 | 5,730 | 31.67 | 181 |
| 1984 | 502,853.00 | 250,278 | 309,828 | 243,310 | 32.20 | 7,556 |
| 1985 | 30,347.00 | 14,780 | 18,297 | 15,085 | 32.32 | 467 |
| 1987 | 24,051.00 | 11,181 | 13,841 | 12,615 | 32.54 | 388 |
| 1988 | 20,938.00 | 9,494 | 11,753 | 11,279 | 32.64 | 346 |
| 1992 | 41,124.00 | 16,572 | 20,515 | 24,721 | 33.02 | 749 |
| 1994 | 25,981.00 | 9,746 | 12,065 | 16,514 | 33.18 | 498 |
| 1996 | 63,854.00 | 22,039 | 27,283 | 42,957 | 33.33 | 1,289 |
| 1998 | 7,187.00 | 2,248 | 2,783 | 5,123 | 33.47 | 153 |
| 2006 | 280,058.00 | 42,667 | 52,819 | 255,245 | 33.90 | 7,529 |
| 2007 | 23,177.90 | 2,961 | 3,666 | 21,830 | 33.94 | 643 |
| 2008 | 196,289.82 | 20,007 | 24,767 | 191,151 | 33.98 | 5,625 |
| 2010 | 411,304.14 | 18,966 | 23,479 | 428,956 | 34.05 | 12,598 |
| | 7,992,211.86 | 4,329,546 | 5,359,701 | 3,431,732 | | 109,654 |
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1967 | 19,366.00 | 11,265 | 13,945 | 7,357 | 36.40 | 202 |
| 1972 | 84.00 | 45 | 56 | 37 | 38.91 | 1 |
| 1988 | 32,164.00 | 11,886 | 14,714 | 20,666 | 44.87 | 461 |
| 1995 | 803,254.00 | 227,098 | 281,133 | 602,447 | 46.57 | 12,936 |
| 1997 | 1,787,464.00 | 456,180 | 564,722 | 1,401,489 | 46.97 | 29,838 |
| 1998 | 219,508.00 | 52,899 | 65,486 | 175,973 | 47.16 | 3,731 |
| 1999 | 67,481.00 | 15,269 | 18,902 | 55,327 | 47.34 | 1,169 |
| 2000 | 47,820.00 | 10,107 | 12,512 | 40,090 | 47.51 | 844 |
| 2002 | 62,200.00 | 11,176 | 13,835 | 54,585 | 47.84 | 1,141 |
| 2004 | 458,648.00 | 67,231 | 83,228 | 421,285 | 48.13 | 8,753 |
| 2006 | 108,103.00 | 11,995 | 14,849 | 104,064 | 48.40 | 2,150 |
| 2007 | 57,291.94 | 5,282 | 6,539 | 56,482 | 48.53 | 1,164 |
| 2008 | 20,349.96 | 1,486 | 1,840 | 20,545 | 48.65 | 422 |
| 2010 | 636,012.43 | 20,562 | 25,454 | 674,159 | 48.87 | 13,795 |
| | 4,319,746.33 | 902,481 | 1,117,214 | 3,634,507 | | 76,607 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CEDAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1927 | 80,590.00 | 72,969 | 88,649 | | | |
| 1978 | 55,255.00 | 26,309 | 32,643 | 28,138 | 41.52 | 678 |
| 1984 | 12,570.00 | 5,205 | 6,458 | 7,369 | 43.67 | 169 |
| 1991 | 47,238.00 | 15,772 | 19,569 | 32,393 | 45.66 | 709 |
| 1995 | 22,128.00 | 6,256 | 7,762 | 16,579 | 46.57 | 356 |
| 1997 | 877,430.00 | 223,930 | 277,840 | 687,333 | 46.97 | 14,633 |
| 1999 | 1,264,446.00 | 286,106 | 354,985 | 1,035,906 | 47.34 | 21,882 |
| 2000 | 100,618.00 | 21,266 | 26,386 | 84,294 | 47.51 | 1,774 |
| 2007 | 133,235.00 | 12,285 | 15,243 | 131,316 | 48.53 | 2,706 |
| 2009 | 33,232.38 | 1,762 | 2,186 | 34,369 | 48.76 | 705 |
| | 2,626,742.38 | 671,860 | 831,720 | 2,057,697 | | 43,612 |
| BRIDGEWATER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1981 | 4,002.00 | 1,784 | 2,208 | 2,194 | 42.65 | 51 |
| 1987 | 10,744.00 | 4,092 | 5,066 | 6,753 | 44.59 | 151 |
| 1996 | 308,224.00 | 82,941 | 102,676 | 236,371 | 46.78 | 5,053 |
| 1999 | 1,054,180.00 | 238,529 | 295,284 | 864,314 | 47.34 | 18,258 |
| 2001 | 44,894.00 | 8,787 | 10,878 | 38,506 | 47.68 | 808 |
| 2008 | 74,141.34 | 5,415 | 6,703 | 74,852 | 48.65 | 1,539 |
| 2011 | 147,778,571.47 | 1,643,445 | 2,034,479 | 160,521,949 | 48.97 | 3,277,965 |
| | 149,274,756.81 | 1,984,993 | 2,457,294 | 161,744,938 | | 3,303,825 |
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1908 | 67,067.00 | 66,479 | 73,774 | | | |
| 1924 | 14,425.00 | 13,440 | 15,868 | | | |
| 1927 | 8,826.00 | 8,113 | 9,709 | | | |
| 1951 | 1,165.00 | 939 | 1,214 | 67 | 19.70 | 3 |
| 1952 | 610.00 | 489 | 632 | 39 | 19.91 | 2 |
| 1961 | 1,085.00 | 818 | 1,058 | 136 | 21.48 | 6 |
| 1978 | 5,707.00 | 3,655 | 4,726 | 1,552 | 23.20 | 67 |
| 1983 | 5,050.00 | 3,007 | 3,888 | 1,667 | 23.50 | 71 |
| 1984 | 22,015.00 | 12,885 | 16,660 | 7,556 | 23.56 | 321 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1985 | 4,390.00 | 2,524 | 3,263 | 1,566 | 23.61 | 66 |
| 1986 | 4,026.00 | 2,271 | 2,936 | 1,492 | 23.66 | 63 |
| 1988 | 11,313.00 | 6,125 | 7,920 | 4,525 | 23.75 | 191 |
| 1998 | 173,438.00 | 68,010 | 87,936 | 102,846 | 24.10 | 4,267 |
| 1999 | 99,523.00 | 37,101 | 47,971 | 61,504 | 24.13 | 2,549 |
| 2000 | 1,534.00 | 540 | 698 | 989 | 24.16 | 41 |
| 2002 | 9,423.00 | 2,904 | 3,755 | 6,610 | 24.20 | 273 |
| 2003 | 74,289.00 | 21,099 | 27,281 | 54,437 | 24.22 | 2,248 |
| 2008 | 91,079.09 | 12,545 | 16,220 | 83,967 | 24.31 | 3,454 |
| | 594,965.09 | 262,944 | 325,508 | 328,954 | | 13,622 |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 15,703.00 | 8,094 | 10,020 | 7,253 | 39.83 | 182 |
| 1978 | 2,934.00 | 1,397 | 1,729 | 1,498 | 41.52 | 36 |
| 1988 | 3,614.00 | 1,336 | 1,654 | 2,322 | 44.87 | 52 |
| 1991 | 37,013.00 | 12,358 | 15,298 | 25,416 | 45.66 | 557 |
| 1993 | 531,177.00 | 164,064 | 203,101 | 381,194 | 46.13 | 8,263 |
| 1995 | 797,960.00 | 225,601 | 279,280 | 598,476 | 46.57 | 12,851 |
| 1996 | 46,178.00 | 12,426 | 15,383 | 35,413 | 46.78 | 757 |
| 2000 | 389,588.00 | 82,341 | 101,933 | 326,614 | 47.51 | 6,875 |
| 2002 | 552,955.00 | 99,352 | 122,991 | 485,259 | 47.84 | 10,143 |
| 2007 | 50,975.95 | 4,700 | 5,818 | 50,255 | 48.53 | 1,036 |
| | 2,428,097.95 | 611,669 | 757,207 | 1,913,701 | | 40,752 |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1923 | 67,897.00 | 62,952 | 74,687 | | | |
| 1981 | 7,945.00 | 3,541 | 4,414 | 4,325 | 42.65 | 101 |
| 1990 | 2,269.00 | 785 | 979 | 1,517 | 45.41 | 33 |
| 1991 | 7,002.00 | 2,338 | 2,915 | 4,788 | 45.66 | 105 |
| 1996 | 211,204.00 | 56,834 | 70,852 | 161,472 | 46.78 | 3,452 |
| 2000 | 1,270,025.00 | 268,425 | 334,632 | 1,062,395 | 47.51 | 22,362 |
| 2002 | 1,895.00 | 340 | 424 | 1,661 | 47.84 | 35 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2003 | 90,405.00 | 14,769 | 18,412 | 81,034 | 47.99 | 1,689 |
| 2005 | 179,672.00 | 23,169 | 28,884 | 168,756 | 48.27 | 3,496 |
| 2011 | 186,253.61 | 2,071 | 2,582 | 202,297 | 48.97 | 4,131 |
| | 2,024,567.61 | 435,224 | 538,780 | 1,688,244 | | 35,404 |
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1956 | 2,129.00 | 1,661 | 2,056 | 286 | 20.68 | 14 |
| 1963 | 843.00 | 626 | 775 | 152 | 21.76 | 7 |
| 1981 | 10,497.00 | 6,448 | 7,982 | 3,564 | 23.39 | 152 |
| 1984 | 67,096.00 | 39,270 | 48,614 | 25,192 | 23.56 | 1,069 |
| 1985 | 24,781.00 | 14,249 | 17,639 | 9,620 | 23.61 | 407 |
| 1995 | 50,068.00 | 22,240 | 27,532 | 27,543 | 24.02 | 1,147 |
| 1998 | 368,766.00 | 144,603 | 179,009 | 226,633 | 24.10 | 9,404 |
| 2002 | 9,423.00 | 2,904 | 3,595 | 6,770 | 24.20 | 280 |
| 2003 | 136,596.00 | 38,794 | 48,024 | 102,231 | 24.22 | 4,221 |
| 2005 | 159,366.00 | 36,864 | 45,635 | 129,667 | 24.26 | 5,345 |
| 2006 | 2,203.00 | 445 | 551 | 1,872 | 24.28 | 77 |
| | 831,768.00 | 308,104 | 381,413 | 533,532 | | 22,123 |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1968 | 1,817.00 | 1,040 | 1,287 | 711 | 36.92 | 19 |
| 1969 | 5,129.00 | 2,888 | 3,575 | 2,067 | 37.44 | 55 |
| 1970 | 3,000.00 | 1,661 | 2,056 | 1,244 | 37.94 | 33 |
| 1976 | 1,230.00 | 610 | 755 | 598 | 40.70 | 15 |
| 1996 | 1,323,990.00 | 356,276 | 441,047 | 1,015,342 | 46.78 | 21,705 |
| 1997 | 897,510.00 | 229,054 | 283,554 | 703,707 | 46.97 | 14,982 |
| 1998 | 879,862.00 | 212,036 | 262,487 | 705,361 | 47.16 | 14,957 |
| 1999 | 82,082.00 | 18,573 | 22,992 | 67,298 | 47.34 | 1,422 |
| 2000 | 28,260.00 | 5,973 | 7,394 | 23,692 | 47.51 | 499 |
| 2003 | 286,871.00 | 46,864 | 58,015 | 257,543 | 47.99 | 5,367 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2004 | 247,527.00 | 36,284 | 44,917 | 227,362 | 48.13 | 4,724 |
| 2007 | 32,352.19 | 2,983 | 3,693 | 31,895 | 48.53 | 657 |
| 2011 | 8,614.64 | 96 | 119 | 9,357 | 48.97 | 191 |
| | 3,798,244.83 | 914,338 | 1,131,892 | 3,046,177 | | 64,626 |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1925 | 15,034.00 | 13,782 | 16,537 | | | |
| 1941 | 5,173.00 | 4,190 | 5,190 | 500 | 21.08 | 24 |
| 1945 | 7,012.00 | 5,455 | 6,757 | 957 | 23.39 | 41 |
| 1958 | 666.00 | 442 | 547 | 185 | 31.28 | 6 |
| 1962 | 1,223.00 | 768 | 951 | 394 | 33.63 | 12 |
| 1992 | 59,039.00 | 18,984 | 23,514 | 41,429 | 45.90 | 903 |
| 1994 | 106,554.00 | 31,529 | 39,052 | 78,157 | 46.36 | 1,686 |
| 1999 | 1,775,016.00 | 401,633 | 497,469 | 1,455,048 | 47.34 | 30,736 |
| 2000 | 1,076,885.00 | 227,604 | 281,914 | 902,660 | 47.51 | 18,999 |
| 2001 | 83,351.00 | 16,314 | 20,207 | 71,479 | 47.68 | 1,499 |
| 2002 | 60,360.00 | 10,845 | 13,433 | 52,963 | 47.84 | 1,107 |
| 2006 | 454,153.00 | 50,391 | 62,415 | 437,153 | 48.40 | 9,032 |
| 2011 | 184,439.32 | 2,051 | 2,540 | 200,343 | 48.97 | 4,091 |
| | 3,828,905.32 | 783,988 | 970,527 | 3,241,269 | | 68,136 |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1920 | 44,981.00 | 42,443 | 49,479 | | | |
| 1944 | 2,023.00 | 1,656 | 2,149 | 76 | 19.88 | 4 |
| 1963 | 1,009.00 | 711 | 923 | 187 | 25.20 | 7 |
| 1980 | 25,970.00 | 14,963 | 19,419 | 9,148 | 27.62 | 331 |
| 1986 | 18,758.00 | 9,672 | 12,553 | 8,081 | 28.14 | 287 |
| 1994 | 34,579.00 | 14,274 | 18,525 | 19,512 | 28.65 | 681 |
| 1998 | 16,579.00 | 5,762 | 7,478 | 10,759 | 28.84 | 373 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2001 | 1,886.00 | 548 | 711 | 1,363 | 28.96 | 47 |
| 2002 | 12,268.00 | 3,303 | 4,287 | 9,208 | 29.00 | 318 |
| 2010 | 4,731.96 | 252 | 327 | 4,878 | 29.23 | 167 |
| | 162,784.96 | 93,584 | 115,851 | 63,212 | | 2,215 |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1919 | 140,818.05 | 133,291 | 154,900 | | | |
| 1981 | 3,419.00 | 1,524 | 1,894 | 1,867 | 42.65 | 44 |
| 1984 | 2,255,861.00 | 934,042 | 1,160,762 | 1,320,685 | 43.67 | 30,242 |
| 1986 | 3,914.00 | 1,535 | 1,908 | 2,398 | 44.30 | 54 |
| 1987 | 3,397.00 | 1,294 | 1,608 | 2,129 | 44.59 | 48 |
| 1988 | 24,877.00 | 9,193 | 11,424 | 15,940 | 44.87 | 355 |
| 1992 | 135,210.00 | 43,477 | 54,030 | 94,701 | 45.90 | 2,063 |
| 1994 | 891,892.00 | 263,911 | 327,970 | 653,111 | 46.36 | 14,088 |
| 1995 | 355,387.00 | 100,476 | 124,865 | 266,061 | 46.57 | 5,713 |
| 1996 | 1,370,663.00 | 368,836 | 458,364 | 1,049,366 | 46.78 | 22,432 |
| 1997 | 114,630.00 | 29,255 | 36,356 | 89,737 | 46.97 | 1,911 |
| 1998 | 12,927.00 | 3,115 | 3,871 | 10,349 | 47.16 | 219 |
| 1999 | 527,164.00 | 119,281 | 148,234 | 431,646 | 47.34 | 9,118 |
| 2001 | 195,799.00 | 38,322 | 47,624 | 167,755 | 47.68 | 3,518 |
| 2002 | 666,584.00 | 119,768 | 148,839 | 584,403 | 47.84 | 12,216 |
| 2006 | 72,761.00 | 8,073 | 10,033 | 70,005 | 48.40 | 1,446 |
| 2007 | 73,980.66 | 6,821 | 8,477 | 72,902 | 48.53 | 1,502 |
| 2008 | 278,559.99 | 20,346 | 25,285 | 281,131 | 48.65 | 5,779 |
| 2009 | 716,983.48 | 38,022 | 47,251 | 741,431 | 48.76 | 15,206 |
| 2010 | 27,758.74 | 897 | 1,115 | 29,420 | 48.87 | 602 |
| | 7,872,585.92 | 2,241,479 | 2,774,808 | 5,885,037 | | 126,556 |
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1925 | 114,321.00 | 104,800 | 125,753 | | | |
| 1980 | 175,990.00 | 80,256 | 99,590 | 93,999 | 42.28 | 2,223 |
| 1981 | 37,704.00 | 16,804 | 20,852 | 20,622 | 42.65 | 484 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1984 | 181,598.00 | 75,191 | 93,305 | 106,453 | 43.67 | 2,438 |
| 1985 | 17,791.00 | 7,172 | 8,900 | 10,670 | 43.99 | 243 |
| 1987 | 5,338.00 | 2,033 | 2,523 | 3,349 | 44.59 | 75 |
| 1989 | 25,395.00 | 9,085 | 11,274 | 16,661 | 45.15 | 369 |
| 1991 | 34,099.00 | 11,385 | 14,128 | 23,381 | 45.66 | 512 |
| 1992 | 303,728.00 | 97,664 | 121,192 | 212,909 | 45.90 | 4,639 |
| 1993 | 43,420.00 | 13,411 | 16,642 | 31,120 | 46.13 | 675 |
| 1995 | 771,018.00 | 217,984 | 270,497 | 577,623 | 46.57 | 12,403 |
| 1997 | 1,528,989.00 | 390,215 | 484,219 | 1,197,669 | 46.97 | 25,499 |
| 1998 | 443,808.00 | 106,952 | 132,717 | 355,472 | 47.16 | 7,538 |
| 2000 | 125,359.00 | 26,495 | 32,878 | 105,017 | 47.51 | 2,210 |
| 2001 | 163,924.00 | 32,084 | 39,813 | 140,503 | 47.68 | 2,947 |
| 2002 | 350,510.00 | 62,978 | 78,150 | 307,411 | 47.84 | 6,426 |
| 2003 | 149,525.00 | 24,427 | 30,312 | 134,166 | 47.99 | 2,796 |
| 2004 | 438,126.00 | 64,223 | 79,694 | 402,244 | 48.13 | 8,357 |
| 2005 | 392,607.00 | 50,628 | 62,824 | 369,043 | 48.27 | 7,645 |
| 2006 | 7,725.00 | 857 | 1,063 | 7,434 | 48.40 | 154 |
| 2008 | 110,495.91 | 8,071 | 10,015 | 111,530 | 48.65 | 2,292 |
| 2009 | 808,220.32 | 42,861 | 53,186 | 835,856 | 48.76 | 17,142 |
| 2011 | 140,811.20 | 1,566 | 1,943 | 152,949 | 48.97 | 3,123 |
| | 6,370,502.43 | 1,447,142 | 1,791,469 | 5,216,084 | | 110,190 |
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1907 | 196,563.19 | 195,516 | 216,220 | | | |
| 1973 | 3,234.00 | 1,698 | 3,557 | | | |
| 1974 | 16,217.00 | 8,359 | 17,839 | | | |
| 1980 | 28,849.00 | 13,156 | 28,874 | 2,860 | 42.28 | 68 |
| 2002 | 2,731.00 | 491 | 1,078 | 1,926 | 47.84 | 40 |
| 2006 | 28,851.00 | 3,201 | 7,025 | 24,711 | 48.40 | 511 |
| 2011 | 70,551.98 | 785 | 1,723 | 75,884 | 48.97 | 1,550 |
| | 346,997.17 | 223,206 | 276,315 | 105,382 | | 2,169 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ROCKY CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1909 | 259,632.00 | 256,356 | 285,595 | | | |
| 1986 | 3,352.00 | 1,314 | 1,823 | 1,864 | 44.30 | 42 |
| 1993 | 23,688.00 | 7,316 | 10,149 | 15,908 | 46.13 | 345 |
| 1994 | 315,172.00 | 93,259 | 129,367 | 217,322 | 46.36 | 4,688 |
| 1995 | 125,097.00 | 35,368 | 49,062 | 88,545 | 46.57 | 1,901 |
| 1996 | 131,644.00 | 35,424 | 49,140 | 95,669 | 46.78 | 2,045 |
| 2002 | 91,636.00 | 16,465 | 22,840 | 77,960 | 47.84 | 1,630 |
| 2008 | 323,572.00 | 23,634 | 32,785 | 323,145 | 48.65 | 6,642 |
| | 1,273,793.00 | 469,136 | 580,760 | 820,412 | | 17,293 |
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1994 | 1,006,822.00 | 297,919 | 368,804 | 738,700 | 46.36 | 15,934 |
| 1996 | 706,078.00 | 190,001 | 235,209 | 541,477 | 46.78 | 11,575 |
| 1997 | 122,257.00 | 31,201 | 38,625 | 95,858 | 46.97 | 2,041 |
| 1999 | 98,094.00 | 22,196 | 27,477 | 80,426 | 47.34 | 1,699 |
| 2001 | 101,366.00 | 19,840 | 24,561 | 86,942 | 47.68 | 1,823 |
| 2006 | 89,692.00 | 9,952 | 12,320 | 86,341 | 48.40 | 1,784 |
| | 2,124,309.00 | 571,109 | 706,996 | 1,629,744 | | 34,856 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1954 | 77,070.00 | 58,550 | 72,481 | 12,296 | 23.06 | 533 |
| 1955 | 1,527.00 | 1,151 | 1,425 | 255 | 23.34 | 11 |
| 1963 | 350.00 | 246 | 305 | 80 | 25.20 | 3 |
| 1972 | 804.00 | 516 | 639 | 246 | 26.70 | 9 |
| 1975 | 108.00 | 67 | 83 | 36 | 27.08 | 1 |
| 1977 | 493.00 | 297 | 368 | 175 | 27.31 | 6 |
| 1989 | 2,860.00 | 1,375 | 1,702 | 1,444 | 28.35 | 51 |
| 1991 | 8,201.00 | 3,731 | 4,619 | 4,402 | 28.48 | 155 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1993 | 1,270.00 | 543 | 672 | 725 | 28.60 | 25 |
| 1994 | 3,887.00 | 1,605 | 1,987 | 2,289 | 28.65 | 80 |
| 2009 | 3,514.34 | 304 | 376 | 3,489 | 29.20 | 119 |
| | 100,084.34 | 68,385 | 84,656 | 25,437 | | 993 |
| NPL BRYSON | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1942 | 15,697.00 | 13,033 | 16,134 | 1,133 | 19.17 | 59 |
| 1943 | 83.00 | 68 | 84 | 7 | 19.53 | |
| 1961 | 242.00 | 173 | 214 | 52 | 24.79 | 2 |
| 1972 | 804.00 | 516 | 639 | 246 | 26.70 | 9 |
| 1979 | 77.00 | 45 | 56 | 29 | 27.52 | 1 |
| 1982 | 154.00 | 86 | 106 | 63 | 27.81 | 2 |
| 1993 | 1,041.00 | 445 | 551 | 594 | 28.60 | 21 |
| 1996 | 827.00 | 316 | 391 | 519 | 28.75 | 18 |
| | 18,925.00 | 14,682 | 18,175 | 2,642 | | 112 |
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1952 | 66,917.00 | 51,633 | 63,918 | 9,691 | 22.49 | 431 |
| 1955 | 34.00 | 26 | 32 | 5 | 23.34 | |
| 1957 | 923.00 | 685 | 848 | 167 | 23.85 | 7 |
| 1971 | 638.00 | 414 | 513 | 189 | 26.56 | 7 |
| 1977 | 493.00 | 297 | 368 | 175 | 27.31 | 6 |
| 1994 | 82.00 | 34 | 42 | 48 | 28.65 | 2 |
| 2000 | 26,494.00 | 8,224 | 10,181 | 18,963 | 28.92 | 656 |
| 2008 | 3,513.93 | 411 | 509 | 3,357 | 29.18 | 115 |
| | 99,094.93 | 61,724 | 76,410 | 32,594 | | 1,224 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL DILLSBORO | | | | | | |
| FULLY ACCRUED | | | | | | |
| 2011 | 307,587.91 | 338,347 | 338,347 | | | |
| | 307,587.91 | 338,347 | 338,347 | | | |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1933 | 37,263.00 | 32,809 | 40,989 | | | |
| 1939 | 28.00 | 24 | 31 | | | |
| 1941 | 1,000.00 | 836 | 1,100 | | | |
| 1943 | 1,068.00 | 881 | 1,175 | | | |
| 1968 | 257.00 | 172 | 272 | 11 | 26.10 | |
| 1972 | 53.00 | 34 | 54 | 5 | 26.70 | |
| 1979 | 2,925.00 | 1,712 | 2,708 | 510 | 27.52 | 19 |
| 1993 | 2,453.00 | 1,048 | 1,658 | 1,041 | 28.60 | 36 |
| 1994 | 3,628.00 | 1,498 | 2,369 | 1,622 | 28.65 | 57 |
| 2003 | 7,173.00 | 1,774 | 2,806 | 5,085 | 29.03 | 175 |
| | 55,848.00 | 40,788 | 53,161 | 8,272 | | 287 |
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1929 | 40,308.00 | 36,333 | 44,339 | | | |
| 1941 | 717.00 | 599 | 789 | | | |
| 1958 | 47.00 | 35 | 52 | | | |
| 1961 | 169.00 | 121 | 186 | | | |
| 1972 | 852.00 | 547 | 936 | 1 | 26.70 | |
| 1979 | 76.00 | 44 | 75 | 8 | 27.52 | |
| 1981 | 1,521.00 | 862 | 1,475 | 198 | 27.72 | 7 |
| 1993 | 1,021.00 | 436 | 746 | 377 | 28.60 | 13 |
| 1994 | 3,451.00 | 1,425 | 2,438 | 1,358 | 28.65 | 47 |
| 1996 | 827.00 | 316 | 541 | 369 | 28.75 | 13 |
| 2001 | 10,348.00 | 3,006 | 5,144 | 6,239 | 28.96 | 215 |
| 2011 | 36,160.66 | 656 | 1,123 | 38,654 | 29.25 | 1,322 |
| | 95,497.66 | 44,380 | 57,843 | 47,204 | | 1,617 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1942 | 377,697.42 | 312,411 | 407,182 | 8,285 | 19.44 | 426 |
| 1943 | 6,397.00 | 5,254 | 6,848 | 189 | 19.81 | 10 |
| 1948 | 146.00 | 115 | 150 | 11 | 21.62 | 1 |
| 1950 | 1,563.00 | 1,218 | 1,587 | 132 | 22.29 | 6 |
| 1955 | 6,736.00 | 5,040 | 6,569 | 841 | 23.84 | 35 |
| 1965 | 2,561.00 | 1,752 | 2,283 | 534 | 26.25 | 20 |
| 1966 | 1,383.00 | 937 | 1,221 | 300 | 26.44 | 11 |
| 1968 | 1,888.00 | 1,253 | 1,633 | 444 | 26.81 | 17 |
| 1981 | 4,673.00 | 2,609 | 3,400 | 1,740 | 28.56 | 61 |
| 1982 | 3,368.00 | 1,848 | 2,409 | 1,296 | 28.66 | 45 |
| 1984 | 2,762.00 | 1,460 | 1,903 | 1,135 | 28.84 | 39 |
| 1985 | 3,933.00 | 2,037 | 2,655 | 1,671 | 28.93 | 58 |
| 1986 | 3,277.00 | 1,662 | 2,166 | 1,439 | 29.01 | 50 |
| 1992 | 20,217.00 | 8,754 | 11,410 | 10,829 | 29.45 | 368 |
| 1994 | 3,451.00 | 1,396 | 1,819 | 1,977 | 29.57 | 67 |
| 2000 | 2,846.00 | 863 | 1,125 | 2,006 | 29.87 | 67 |
| 2001 | 10,983.00 | 3,113 | 4,057 | 8,024 | 29.91 | 268 |
| 2004 | 9,100.00 | 1,986 | 2,588 | 7,422 | 30.02 | 247 |
| 2006 | 59,510.00 | 10,038 | 13,083 | 52,378 | 30.09 | 1,741 |
| 2008 | 8,652.05 | 985 | 1,284 | 8,233 | 30.14 | 273 |
| 2010 | 38,404.67 | 1,986 | 2,588 | 39,657 | 30.20 | 1,313 |
| 2011 | 8,937.25 | 160 | 209 | 9,622 | 30.22 | 318 |
| | 578,485.39 | 366,877 | 478,171 | 158,163 | | 5,441 |
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1949 | 10,354.00 | 8,730 | 11,378 | 11 | 16.98 | 1 |
| 1950 | 403.00 | 338 | 441 | 3 | 17.14 | |
| 1961 | 31.00 | 24 | 31 | 3 | 18.51 | |
| 2001 | 3,750.00 | 1,399 | 1,823 | 2,302 | 20.30 | 113 |
| 2002 | 19,924.00 | 6,942 | 9,048 | 12,869 | 20.32 | 633 |
| | 34,462.00 | 17,433 | 22,721 | 15,187 | | 747 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1955 | 103,647.00 | 78,111 | 101,807 | 12,205 | 23.34 | 523 |
| 1956 | 957.00 | 715 | 932 | 121 | 23.60 | 5 |
| 1972 | 804.00 | 516 | 673 | 212 | 26.70 | 8 |
| 1986 | 438.00 | 226 | 295 | 187 | 28.14 | 7 |
| 1993 | 613.00 | 262 | 341 | 333 | 28.60 | 12 |
| 2006 | 46,231.00 | 8,015 | 10,446 | 40,408 | 29.13 | 1,387 |
| 2009 | 7,027.68 | 607 | 791 | 6,939 | 29.20 | 238 |
| | 159,717.68 | 88,452 | 115,285 | 60,404 | | 2,180 |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1941 | 546,539.00 | 456,895 | 595,497 | 5,696 | 18.81 | 303 |
| 1942 | 5,103.00 | 4,237 | 5,522 | 91 | 19.17 | 5 |
| 1947 | 11,504.00 | 9,217 | 12,013 | 641 | 20.91 | 31 |
| 1949 | 104.00 | 82 | 107 | 8 | 21.57 | |
| 1951 | 1,383.00 | 1,075 | 1,401 | 120 | 22.19 | 5 |
| 1953 | 1,536.00 | 1,176 | 1,533 | 157 | 22.78 | 7 |
| 1955 | 10,535.00 | 7,939 | 10,347 | 1,241 | 23.34 | 53 |
| 1956 | 1,812.00 | 1,355 | 1,766 | 227 | 23.60 | 10 |
| 1964 | 329.00 | 230 | 300 | 62 | 25.40 | 2 |
| 1965 | 488.00 | 337 | 439 | 98 | 25.59 | 4 |
| 1968 | 1,052.00 | 706 | 920 | 237 | 26.10 | 9 |
| 1970 | 3,966.00 | 2,605 | 3,395 | 967 | 26.41 | 37 |
| 1975 | 54.00 | 33 | 43 | 16 | 27.08 | 1 |
| 1977 | 650.00 | 392 | 511 | 204 | 27.31 | 7 |
| 1979 | 26,346.00 | 15,419 | 20,096 | 8,884 | 27.52 | 323 |
| 1981 | 1,540.00 | 873 | 1,138 | 556 | 27.72 | 20 |
| 1987 | 16,386.00 | 8,267 | 10,775 | 7,250 | 28.21 | 257 |
| 1988 | 13,539.00 | 6,669 | 8,692 | 6,201 | 28.29 | 219 |
| 1989 | 3,340.00 | 1,605 | 2,092 | 1,582 | 28.35 | 56 |
| 1992 | 8,294.00 | 3,661 | 4,772 | 4,352 | 28.54 | 152 |
| 2002 | 140,187.00 | 37,748 | 49,199 | 105,007 | 29.00 | 3,621 |
| 2003 | 172,184.00 | 42,583 | 55,501 | 133,902 | 29.03 | 4,613 |
| 2006 | 13,394.00 | 2,322 | 3,026 | 11,707 | 29.13 | 402 |
| 2009 | 3,514.34 | 304 | 396 | 3,470 | 29.20 | 119 |
| | 983,779.34 | 605,730 | 789,482 | 292,675 | | 10,256 |

DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1951 | 73,960.00 | 57,508 | 74,953 | 6,403 | 22.19 | 289 |
| 1955 | 157.00 | 118 | 154 | 19 | 23.34 | 1 |
| 1972 | 805.00 | 517 | 674 | 212 | 26.70 | 8 |
| 1977 | 493.00 | 297 | 387 | 155 | 27.31 | 6 |
| 1993 | 865.00 | 370 | 482 | 469 | 28.60 | 16 |
| 1996 | 10,196.00 | 3,891 | 5,071 | 6,144 | 28.75 | 214 |
| 2009 | 3,514.34 | 304 | 396 | 3,470 | 29.20 | 119 |
| | 89,990.34 | 63,005 | 82,118 | 16,871 | | 653 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2007 | 27,830.67 | 3,949 | 5,147 | 25,467 | 30.12 | 846 |
| | 27,830.67 | 3,949 | 5,147 | 25,467 | | 846 |
| | 457,188,555.35 | 112,808,742 | 139,650,013 | 363,257,397 | | 8,079,397 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 45.0 1.77

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1963 | 16,702,764.00 | 10,655,629 | 13,026,201 | 7,017,116 | 41.32 | 169,824 |
| 1979 | 76,538.00 | 37,799 | 46,208 | 45,637 | 46.07 | 991 |
| 1990 | 58,826.00 | 21,727 | 26,561 | 44,031 | 48.24 | 913 |
| 1998 | 2,034.00 | 525 | 642 | 1,799 | 49.25 | 37 |
| 1999 | 35,960.00 | 8,721 | 10,661 | 32,491 | 49.35 | 658 |
| 2000 | 4,417,359.00 | 1,000,320 | 1,222,863 | 4,077,968 | 49.44 | 82,483 |
| 2001 | 168,032.00 | 35,269 | 43,115 | 158,523 | 49.53 | 3,201 |
| 2002 | 3,247.00 | 626 | 765 | 3,131 | 49.61 | 63 |
| | 21,464,760.00 | 11,760,616 | 14,377,016 | 11,380,696 | | 258,170 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1991 | 450,156,440.00 | 169,051,749 | 206,660,921 | 333,526,807 | 44.94 | 7,421,602 |
| 1995 | 713,230.00 | 228,185 | 278,950 | 576,926 | 45.36 | 12,719 |
| 1998 | 128,354.00 | 35,178 | 43,004 | 111,021 | 45.61 | 2,434 |
| 1999 | 3,994,634.00 | 1,029,082 | 1,258,023 | 3,535,538 | 45.69 | 77,381 |
| 2002 | 31,099.00 | 6,402 | 7,826 | 29,493 | 45.88 | 643 |
| 2008 | 15,522.56 | 1,313 | 1,605 | 17,022 | 46.16 | 369 |
| 2010 | 27,219.00 | 1,027 | 1,255 | 31,407 | 46.23 | 679 |
| | 455,066,498.56 | 170,352,936 | 208,251,585 | 337,828,213 | | 7,515,827 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1973 | 48,654,428.00 | 31,494,206 | 38,500,765 | 19,884,549 | 32.48 | 612,209 |
| 1975 | 378,987.00 | 238,721 | 291,830 | 162,955 | 32.71 | 4,982 |
| 1998 | 86,485.00 | 29,354 | 35,884 | 67,898 | 34.23 | 1,984 |
| 1999 | 14,379.00 | 4,613 | 5,639 | 11,616 | 34.26 | 339 |
| 2000 | 132,335.00 | 39,856 | 48,723 | 110,079 | 34.29 | 3,210 |
| 2001 | 17,926.00 | 5,041 | 6,162 | 15,349 | 34.31 | 447 |
| 2003 | 77,726.00 | 18,502 | 22,618 | 70,653 | 34.35 | 2,057 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2005 | 16,770.00 | 3,200 | 3,912 | 16,212 | 34.38 | 472 |
| 2010 | 250,109.83 | 12,528 | 15,315 | 284,817 | 34.44 | 8,270 |
| 2011 | 8,000.00 | 137 | 167 | 9,433 | 34.45 | 274 |
| | 49,637,145.83 | 31,846,158 | 38,931,016 | 20,633,559 | | 634,244 |
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1971 | 16,761,073.00 | 11,129,688 | 13,605,724 | 6,507,563 | 32.23 | 201,910 |
| 1973 | 8,415.00 | 5,447 | 6,659 | 3,439 | 32.48 | 106 |
| 1974 | 28,379.00 | 18,124 | 22,156 | 11,899 | 32.60 | 365 |
| 1980 | 31,901.00 | 18,580 | 22,714 | 15,568 | 33.21 | 469 |
| 2004 | 268,894.00 | 57,800 | 70,659 | 252,014 | 34.37 | 7,332 |
| 2005 | 98,318.00 | 18,759 | 22,932 | 95,049 | 34.38 | 2,765 |
| 2008 | 69,044.08 | 7,647 | 9,348 | 73,505 | 34.42 | 2,136 |
| 2011 | 173,990.26 | 2,988 | 3,653 | 205,136 | 34.45 | 5,955 |
| | 17,440,014.34 | 11,259,033 | 13,763,845 | 7,164,172 | | 221,038 |
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1916 | 464,156.00 | 425,872 | 520,616 | 36,371 | 23.42 | 1,553 |
| 1926 | 1,277,000.00 | 1,113,258 | 1,360,926 | 171,474 | 27.01 | 6,349 |
| 1938 | 101,032.00 | 81,650 | 99,815 | 21,424 | 31.66 | 677 |
| 1947 | 8,700.00 | 6,554 | 8,012 | 2,428 | 35.25 | 69 |
| 1951 | 492.00 | 358 | 438 | 153 | 36.83 | 4 |
| 1985 | 1,232,269.00 | 528,924 | 646,594 | 832,128 | 47.37 | 17,567 |
| 1999 | 1,631,521.00 | 395,676 | 483,703 | 1,474,123 | 49.35 | 29,871 |
| 2004 | 5,406,218.00 | 849,857 | 1,038,926 | 5,448,536 | 49.75 | 109,518 |
| 2007 | 5,054,557.00 | 501,372 | 612,913 | 5,452,555 | 49.94 | 109,182 |
| | 15,175,945.00 | 3,903,521 | 4,771,943 | 13,439,191 | | 274,790 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CEDAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1927 | 965,939.00 | 837,376 | 1,023,668 | 135,459 | 27.38 | 4,947 |
| 1987 | 551,142.00 | 223,814 | 273,606 | 387,764 | 47.74 | 8,122 |
| 1998 | 604,209.00 | 155,987 | 190,690 | 534,361 | 49.25 | 10,850 |
| 2000 | 1,114,003.00 | 252,268 | 308,390 | 1,028,413 | 49.44 | 20,801 |
| 2002 | 474,224.00 | 91,461 | 111,808 | 457,260 | 49.61 | 9,217 |
| | 3,709,517.00 | 1,560,906 | 1,908,163 | 2,543,257 | | 53,937 |
| BRIDGEWATER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1919 | 3,962,992.92 | 3,584,432 | 4,381,865 | 373,726 | 24.46 | 15,279 |
| 1927 | 433,468.00 | 375,775 | 459,374 | 60,787 | 27.38 | 2,220 |
| 1942 | 391,375.00 | 307,104 | 375,426 | 94,224 | 33.25 | 2,834 |
| 1954 | 11,199.00 | 7,905 | 9,664 | 3,775 | 38.00 | 99 |
| 1966 | 22,523.00 | 13,815 | 16,888 | 10,139 | 42.34 | 239 |
| 1974 | 18,334.00 | 9,949 | 12,162 | 9,838 | 44.78 | 220 |
| 1976 | 28,354.00 | 14,846 | 18,149 | 15,876 | 45.32 | 350 |
| 2008 | 27,216,512.18 | 2,136,932 | 2,612,338 | 30,047,476 | 49.99 | 601,070 |
| 2009 | 57,885,445.24 | 3,305,027 | 4,040,301 | 65,422,233 | 50.04 | 1,307,399 |
| 2011 | 3,435,784.44 | 40,735 | 49,797 | 4,073,144 | 50.12 | 81,268 |
| | 93,405,987.78 | 9,796,520 | 11,975,965 | 100,111,220 | | 2,010,978 |
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1908 | 563,429.00 | 564,340 | 676,115 | | | |
| 1917 | 305,634.00 | 299,853 | 366,761 | | | |
| 1924 | 98,337.00 | 94,743 | 116,742 | 1,263 | 18.48 | 68 |
| 1927 | 43,647.00 | 41,688 | 51,368 | 1,009 | 18.91 | 53 |
| 1947 | 4,729.00 | 4,195 | 5,169 | 506 | 21.48 | 24 |
| 1951 | 208.00 | 181 | 223 | 27 | 21.93 | 1 |
| 1983 | 179,720.00 | 116,616 | 143,693 | 71,971 | 24.13 | 2,983 |
| 1985 | 435,654.00 | 272,962 | 336,342 | 186,443 | 24.19 | 7,707 |
| 1986 | 297,442.00 | 182,848 | 225,304 | 131,626 | 24.22 | 5,435 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1988 | 137,122.00 | 80,876 | 99,655 | 64,892 | 24.27 | 2,674 |
| 2006 | 282,557.00 | 62,205 | 76,649 | 262,420 | 24.48 | 10,720 |
| 2008 | 3,599,745.00 | 540,135 | 665,550 | 3,654,144 | 24.49 | 149,210 |
| | 5,948,224.00 | 2,260,642 | 2,763,570 | 4,374,299 | | 178,875 |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1915 | 1,097,135.00 | 1,011,291 | 1,236,274 | 80,288 | 23.08 | 3,479 |
| 1981 | 219,813.00 | 103,972 | 127,103 | 136,673 | 46.54 | 2,937 |
| 1982 | 12,217.00 | 5,649 | 6,906 | 7,755 | 46.76 | 166 |
| 1995 | 1,212,791.00 | 366,894 | 448,517 | 1,006,832 | 48.92 | 20,581 |
| 1996 | 579,437.00 | 166,906 | 204,038 | 491,287 | 49.04 | 10,018 |
| 2000 | 2,289,115.00 | 518,375 | 633,699 | 2,113,239 | 49.44 | 42,744 |
| 2002 | 12,059.00 | 2,326 | 2,843 | 11,627 | 49.61 | 234 |
| | 5,422,567.00 | 2,175,413 | 2,659,380 | 3,847,700 | | 80,159 |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1923 | 2,640,624.00 | 2,339,994 | 2,860,576 | 308,173 | 25.90 | 11,899 |
| 1982 | 6,235.00 | 2,883 | 3,524 | 3,958 | 46.76 | 85 |
| 1998 | 274,163.00 | 70,780 | 86,527 | 242,469 | 49.25 | 4,923 |
| 2000 | 175,224.00 | 39,680 | 48,508 | 161,761 | 49.44 | 3,272 |
| 2002 | 1,712,416.00 | 330,263 | 403,737 | 1,651,162 | 49.61 | 33,283 |
| 2003 | 559,969.00 | 98,174 | 120,015 | 551,948 | 49.68 | 11,110 |
| 2004 | 163,059.00 | 25,633 | 31,336 | 164,335 | 49.75 | 3,303 |
| | 5,531,690.00 | 2,907,407 | 3,554,222 | 3,083,806 | | 67,875 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1910 | 989,230.00 | 986,460 | 1,187,076 | | | |
| 1935 | 74,655.00 | 69,504 | 85,396 | 4,190 | 20.00 | 210 |
| 1954 | 15,012.00 | 12,851 | 15,789 | 2,225 | 22.23 | 100 |
| 1955 | 2,523.00 | 2,148 | 2,639 | 388 | 22.33 | 17 |
| 1958 | 2,894.00 | 2,419 | 2,972 | 501 | 22.62 | 22 |
| 1959 | 43,674.00 | 36,271 | 44,564 | 7,845 | 22.71 | 345 |
| 1961 | 4,393.00 | 3,600 | 4,423 | 848 | 22.88 | 37 |
| 1984 | 164,405.00 | 104,877 | 128,856 | 68,430 | 24.16 | 2,832 |
| 1990 | 975,080.00 | 548,752 | 674,220 | 495,876 | 24.31 | 20,398 |
| 2004 | 260,283.00 | 73,272 | 90,025 | 222,315 | 24.47 | 9,085 |
| 2005 | 5,372,398.00 | 1,353,071 | 1,662,440 | 4,784,438 | 24.47 | 195,523 |
| 2006 | 3,846,518.00 | 846,819 | 1,040,438 | 3,575,384 | 24.48 | 146,053 |
| | 11,751,065.00 | 4,040,044 | 4,938,838 | 9,162,440 | | 374,622 |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1928 | 1,922,823.00 | 1,657,304 | 2,026,007 | 281,381 | 27.76 | 10,136 |
| 1974 | 4,355.00 | 2,363 | 2,889 | 2,337 | 44.78 | 52 |
| 1998 | 1,560,982.00 | 402,996 | 492,651 | 1,380,527 | 49.25 | 28,031 |
| 1999 | 3,955,718.00 | 959,341 | 1,172,767 | 3,574,095 | 49.35 | 72,423 |
| 2003 | 9,883.00 | 1,733 | 2,119 | 9,741 | 49.68 | 196 |
| 2004 | 12,885,495.00 | 2,025,600 | 2,476,238 | 12,986,356 | 49.75 | 261,032 |
| | 20,339,256.00 | 5,049,337 | 6,172,670 | 18,234,437 | | 371,870 |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1925 | 1,126,990.00 | 987,919 | 1,207,703 | 144,685 | 26.64 | 5,431 |
| 1941 | 4,856.00 | 3,840 | 4,694 | 1,133 | 32.85 | 34 |
| 1948 | 182.00 | 136 | 166 | 52 | 35.65 | 1 |
| 1969 | 8,840.00 | 5,197 | 6,353 | 4,255 | 43.30 | 98 |
| 1974 | 2,905.00 | 1,576 | 1,927 | 1,559 | 44.78 | 35 |
| 1982 | 5,935.00 | 2,744 | 3,354 | 3,768 | 46.76 | 81 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1999 | 33,119.00 | 8,032 | 9,819 | 29,924 | 49.35 | 606 |
| 2000 | 1,178,870.00 | 266,957 | 326,347 | 1,088,297 | 49.44 | 22,012 |
| 2001 | 4,995,219.00 | 1,048,457 | 1,281,709 | 4,712,554 | 49.53 | 95,145 |
| | 7,356,916.00 | 2,324,858 | 2,842,072 | 5,986,227 | | 123,443 |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1944 | 54,307.00 | 46,902 | 57,336 | 7,832 | 24.43 | 321 |
| 1986 | 323,949.00 | 181,658 | 222,072 | 166,667 | 29.00 | 5,747 |
| 1992 | 5,538,214.00 | 2,658,343 | 3,249,748 | 3,396,109 | 29.22 | 116,225 |
| 2010 | 19,173.49 | 1,114 | 1,362 | 21,646 | 29.47 | 735 |
| | 5,935,643.49 | 2,888,017 | 3,530,518 | 3,592,254 | | 123,028 |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1919 | 2,490,958.00 | 2,253,012 | 2,754,243 | 234,907 | 24.46 | 9,604 |
| 1987 | 2,034,196.00 | 826,071 | 1,009,848 | 1,431,187 | 47.74 | 29,979 |
| 1988 | 820,098.00 | 323,214 | 395,120 | 588,998 | 47.91 | 12,294 |
| 1990 | 850,554.00 | 314,150 | 384,039 | 636,625 | 48.24 | 13,197 |
| 1993 | 27,123.00 | 8,957 | 10,950 | 21,598 | 48.67 | 444 |
| 1996 | 117,315.00 | 33,792 | 41,310 | 99,468 | 49.04 | 2,028 |
| 1997 | 215,565.00 | 58,898 | 72,001 | 186,677 | 49.15 | 3,798 |
| 1999 | 79,749.00 | 19,341 | 23,644 | 72,055 | 49.35 | 1,460 |
| 2001 | 5,153.00 | 1,082 | 1,323 | 4,861 | 49.53 | 98 |
| 2002 | 6,658,067.00 | 1,284,101 | 1,569,777 | 6,419,904 | 49.61 | 129,407 |
| | 13,298,778.00 | 5,122,618 | 6,262,254 | 9,696,280 | | 202,309 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1925 | 3,056,520.00 | 2,679,345 | 3,275,423 | 392,401 | 26.64 | 14,730 |
| 1998 | 1,040,383.00 | 268,594 | 328,348 | 920,111 | 49.25 | 18,682 |
| 1999 | 4,385,720.00 | 1,063,625 | 1,300,251 | 3,962,613 | 49.35 | 80,296 |
| 2000 | 252,559.00 | 57,192 | 69,916 | 233,155 | 49.44 | 4,716 |
| 2001 | 52,611.00 | 11,043 | 13,500 | 49,633 | 49.53 | 1,002 |
| 2002 | 164,946.00 | 31,812 | 38,889 | 159,046 | 49.61 | 3,206 |
| 2005 | 6,975,803.00 | 966,093 | 1,181,021 | 7,189,943 | 49.82 | 144,318 |
| | 15,928,542.00 | 5,077,704 | 6,207,348 | 12,906,902 | | 266,950 |
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1907 | 853,426.00 | 814,076 | 995,184 | 28,927 | 20.47 | 1,413 |
| 1985 | 1,202,700.00 | 516,233 | 631,080 | 812,160 | 47.37 | 17,145 |
| 1993 | 218,245.00 | 72,073 | 88,107 | 173,787 | 48.67 | 3,571 |
| 1997 | 157,091.00 | 42,922 | 52,471 | 136,038 | 49.15 | 2,768 |
| 1999 | 607,548.00 | 147,343 | 180,123 | 548,935 | 49.35 | 11,123 |
| | 3,039,010.00 | 1,592,647 | 1,946,965 | 1,699,847 | | 36,020 |
| ROCKY CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1909 | 685,086.00 | 648,220 | 792,430 | 29,673 | 21.10 | 1,406 |
| 1974 | 61,666.00 | 33,465 | 40,910 | 33,089 | 44.78 | 739 |
| 1997 | 873,165.00 | 238,573 | 291,649 | 756,149 | 49.15 | 15,385 |
| 1998 | 77,326.00 | 19,963 | 24,404 | 68,387 | 49.25 | 1,389 |
| 1999 | 823,036.00 | 199,603 | 244,009 | 743,634 | 49.35 | 15,069 |
| 2002 | 2,295,885.00 | 442,794 | 541,303 | 2,213,759 | 49.61 | 44,623 |
| 2007 | 1,238,962.00 | 122,895 | 150,236 | 1,336,519 | 49.94 | 26,762 |
| | 6,055,126.00 | 1,705,513 | 2,084,941 | 5,181,210 | | 105,373 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1923 | 425,226.00 | 376,815 | 460,646 | 49,626 | 25.90 | 1,916 |
| 1997 | 849,140.00 | 232,009 | 283,624 | 735,344 | 49.15 | 14,961 |
| | 1,274,366.00 | 608,824 | 744,270 | 784,969 | | 16,877 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1954 | 1,993,518.00 | 1,625,108 | 1,986,648 | 405,573 | 26.00 | 15,599 |
| 1955 | 4,733.00 | 3,832 | 4,685 | 995 | 26.15 | 38 |
| 1956 | 925.00 | 744 | 910 | 200 | 26.29 | 8 |
| 1958 | 747.00 | 592 | 724 | 173 | 26.56 | 7 |
| 1959 | 107.00 | 84 | 103 | 26 | 26.69 | 1 |
| 1967 | 121.00 | 89 | 109 | 36 | 27.63 | 1 |
| 1987 | 199.00 | 109 | 133 | 106 | 29.04 | 4 |
| 1989 | 510,732.00 | 266,872 | 326,243 | 286,635 | 29.12 | 9,843 |
| | 2,511,082.00 | 1,897,430 | 2,319,554 | 693,744 | | 25,501 |
| NPL BRYSON | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1942 | 170,117.00 | 148,396 | 181,410 | 22,731 | 24.09 | 944 |
| 1943 | 69.00 | 60 | 73 | 9 | 24.26 | |
| 1952 | 980.00 | 809 | 989 | 187 | 25.71 | 7 |
| 1953 | 396.00 | 325 | 397 | 78 | 25.86 | 3 |
| 1955 | 16,679.00 | 13,505 | 16,509 | 3,505 | 26.15 | 134 |
| 1956 | 3,164.00 | 2,545 | 3,111 | 686 | 26.29 | 26 |
| 1970 | 1,363.00 | 972 | 1,188 | 447 | 27.92 | 16 |
| 1977 | 5,679.00 | 3,720 | 4,548 | 2,267 | 28.50 | 80 |
| 1988 | 10,555.00 | 5,656 | 6,914 | 5,752 | 29.08 | 198 |
| 1995 | 1,622.00 | 701 | 857 | 1,089 | 29.29 | 37 |
| 2006 | 37,150.00 | 7,016 | 8,577 | 36,003 | 29.45 | 1,223 |
| | 247,774.00 | 183,705 | 224,574 | 72,755 | | 2,668 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1952 | 1,064,809.00 | 879,094 | 1,074,667 | 203,103 | 25.71 | 7,900 |
| 1953 | 138.00 | 113 | 138 | 27 | 25.86 | 1 |
| 1954 | 2,944.00 | 2,400 | 2,934 | 599 | 26.00 | 23 |
| 1955 | 617.00 | 500 | 611 | 129 | 26.15 | 5 |
| 1958 | 963.00 | 764 | 934 | 222 | 26.56 | 8 |
| 1959 | 107.00 | 84 | 103 | 26 | 26.69 | 1 |
| 1962 | 194.00 | 149 | 182 | 51 | 27.07 | 2 |
| 1964 | 50.00 | 38 | 46 | 14 | 27.30 | 1 |
| 1995 | 1,042,333.00 | 450,538 | 550,770 | 700,030 | 29.29 | 23,900 |
| | 2,112,155.00 | 1,333,680 | 1,630,386 | 904,200 | | 31,841 |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1933 | 97,221.00 | 88,248 | 107,881 | 8,784 | 22.48 | 391 |
| 1934 | 64.00 | 58 | 71 | 6 | 22.67 | |
| 1943 | 432.00 | 375 | 458 | 60 | 24.26 | 2 |
| 1947 | 751.00 | 638 | 780 | 121 | 24.93 | 5 |
| 1952 | 435.00 | 359 | 439 | 83 | 25.71 | 3 |
| 1953 | 396.00 | 325 | 397 | 78 | 25.86 | 3 |
| 1965 | 3,750.00 | 2,809 | 3,434 | 1,066 | 27.41 | 39 |
| 2000 | 18,034.00 | 6,083 | 7,436 | 14,205 | 29.39 | 483 |
| 2010 | 88,682.33 | 5,154 | 6,301 | 100,118 | 29.47 | 3,397 |
| | 209,765.33 | 104,049 | 127,197 | 124,521 | | 4,323 |
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1929 | 185,809.00 | 171,266 | 209,368 | 13,603 | 21.74 | 626 |
| 1930 | 1,767.00 | 1,623 | 1,984 | 136 | 21.93 | 6 |
| 1938 | 126.00 | 112 | 137 | 14 | 23.39 | 1 |
| 1941 | 662.00 | 580 | 709 | 85 | 23.92 | 4 |
| 1943 | 15,379.00 | 13,350 | 16,320 | 2,135 | 24.26 | 88 |
| 1944 | 418.00 | 361 | 441 | 60 | 24.43 | 2 |
| 1947 | 100.00 | 85 | 104 | 16 | 24.93 | 1 |
| 1948 | 1,406.00 | 1,189 | 1,454 | 234 | 25.09 | 9 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1952 | 435.00 | 359 | 439 | 83 | 25.71 | 3 |
| 1953 | 440.00 | 361 | 441 | 87 | 25.86 | 3 |
| 1990 | 39,239.00 | 19,971 | 24,414 | 22,673 | 29.15 | 778 |
| 1997 | 12,669.00 | 5,026 | 6,144 | 9,059 | 29.34 | 309 |
| 1999 | 1,209,392.00 | 433,262 | 529,650 | 921,620 | 29.37 | 31,380 |
| 2008 | 50,196.59 | 6,396 | 7,819 | 52,417 | 29.46 | 1,779 |
| | 1,518,038.59 | 653,941 | 799,424 | 1,022,222 | | 34,989 |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1942 | 6,828,347.32 | 5,914,605 | 7,230,435 | 963,582 | 24.68 | 39,043 |
| 1949 | 836,355.00 | 697,299 | 852,428 | 151,198 | 25.91 | 5,836 |
| 1950 | 3,935.00 | 3,261 | 3,986 | 736 | 26.08 | 28 |
| 1955 | 271,757.00 | 218,036 | 266,543 | 59,566 | 26.87 | 2,217 |
| 1958 | 2,205.00 | 1,731 | 2,116 | 530 | 27.31 | 19 |
| 1962 | 18.00 | 14 | 17 | 4 | 27.86 | |
| 1972 | 429.00 | 295 | 361 | 154 | 28.97 | 5 |
| 1974 | 2,285.00 | 1,536 | 1,878 | 864 | 29.15 | 30 |
| 1975 | 294,174.00 | 195,203 | 238,630 | 114,379 | 29.24 | 3,912 |
| 1977 | 1,253.00 | 809 | 989 | 515 | 29.40 | 18 |
| 1981 | 1,500.00 | 910 | 1,112 | 688 | 29.67 | 23 |
| 1986 | 38,997.00 | 21,488 | 26,268 | 20,528 | 29.95 | 685 |
| 1988 | 27,257.00 | 14,339 | 17,529 | 15,179 | 30.04 | 505 |
| 1994 | 30,923.00 | 13,598 | 16,623 | 20,484 | 30.24 | 677 |
| 1999 | 1,655,709.00 | 579,604 | 708,549 | 1,278,302 | 30.35 | 42,119 |
| 2000 | 66,959.00 | 22,069 | 26,979 | 53,372 | 30.37 | 1,757 |
| 2010 | 8,766.16 | 494 | 604 | 9,915 | 30.47 | 325 |
| 2011 | 45,429.64 | 880 | 1,076 | 53,440 | 30.47 | 1,754 |
| | 10,116,299.12 | 7,686,171 | 9,396,124 | 2,743,435 | | 98,953 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1949 | 353,212.00 | 322,994 | 394,851 | 29,003 | 18.63 | 1,557 |
| 1952 | 5,516.00 | 4,978 | 6,085 | 534 | 18.86 | 28 |
| 1972 | 5,373.00 | 4,270 | 5,220 | 1,228 | 19.96 | 62 |
| 2002 | 79,688.00 | 30,302 | 37,043 | 58,582 | 20.48 | 2,860 |
| | 443,789.00 | 362,544 | 443,200 | 89,347 | | 4,507 |
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1955 | 3,353,326.00 | 2,715,188 | 3,319,240 | 704,751 | 26.15 | 26,950 |
| 1956 | 115.00 | 92 | 112 | 26 | 26.29 | 1 |
| 1958 | 852.00 | 676 | 826 | 196 | 26.56 | 7 |
| 1967 | 687.00 | 505 | 617 | 207 | 27.63 | 7 |
| 1987 | 916.00 | 502 | 614 | 486 | 29.04 | 17 |
| 1988 | 195,024.00 | 104,499 | 127,747 | 106,282 | 29.08 | 3,655 |
| 1989 | 48,761.00 | 25,479 | 31,147 | 27,366 | 29.12 | 940 |
| | 3,599,681.00 | 2,846,941 | 3,480,304 | 839,313 | | 31,577 |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1941 | 4,823,290.00 | 4,227,459 | 5,167,947 | 620,001 | 23.92 | 25,920 |
| 1942 | 58,486.00 | 51,018 | 62,368 | 7,815 | 24.09 | 324 |
| 2001 | 15,377.00 | 4,856 | 5,936 | 12,516 | 29.40 | 426 |
| | 4,897,153.00 | 4,283,333 | 5,236,251 | 640,333 | | 26,670 |
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1950 | 347,352.00 | 290,288 | 354,869 | 61,954 | 25.40 | 2,439 |
| 1951 | 288,587.00 | 239,712 | 293,041 | 53,263 | 25.56 | 2,084 |

DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1954 | 1,542.00 | 1,257 | 1,537 | 314 | 26.00 | 12 |
| 1957 | 319.00 | 255 | 312 | 71 | 26.42 | 3 |
| 1993 | 185.00 | 86 | 105 | 117 | 29.24 | 4 |
| | 637,985.00 | 531,598 | 649,863 | 115,719 | | 4,542 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 100-S2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1998 | 322,422.00 | 119,171 | 145,684 | 241,223 | 30.33 | 7,953 |
| 2002 | 2,146.00 | 613 | 749 | 1,826 | 30.40 | 60 |
| | 324,568.00 | 119,784 | 146,433 | 243,049 | | 8,013 |
| | 784,399,342.04 | 296,235,890 | 362,139,891 | 579,139,317 | | 13,189,969 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.9 1.68

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1963 | 12,811,378.00 | 8,167,715 | 9,582,036 | 5,791,617 | 31.54 | 183,628 |
| 1976 | 160,582.00 | 85,928 | 100,807 | 91,891 | 35.45 | 2,592 |
| 1990 | 15,879.00 | 6,167 | 7,235 | 11,820 | 39.50 | 299 |
| 1993 | 186,015.00 | 64,941 | 76,186 | 147,032 | 40.36 | 3,643 |
| 2001 | 8,471,885.00 | 1,908,817 | 2,239,348 | 7,926,914 | 42.61 | 186,034 |
| 2005 | 9,670.05 | 1,447 | 1,698 | 9,906 | 43.73 | 227 |
| 2006 | 81,095.00 | 10,459 | 12,270 | 85,044 | 44.01 | 1,932 |
| 2008 | 36,462.44 | 3,119 | 3,659 | 40,096 | 44.56 | 900 |
| 2009 | 47,041.63 | 2,925 | 3,431 | 53,018 | 44.84 | 1,182 |
| 2010 | 51,489.25 | 1,962 | 2,302 | 59,485 | 45.12 | 1,318 |
| 2011 | 43,665.79 | 571 | 670 | 51,729 | 45.39 | 1,140 |
| | 21,915,163.16 | 10,254,051 | 12,029,642 | 14,268,554 | | 382,895 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1991 | 228,913,323.85 | 89,679,999 | 105,208,978 | 169,487,010 | 37.63 | 4,504,040 |
| 1998 | 234,266.00 | 67,772 | 79,507 | 201,612 | 39.35 | 5,124 |
| 1999 | 1,432,874.00 | 390,349 | 457,942 | 1,261,507 | 39.60 | 31,856 |
| 2005 | 958,712.00 | 152,044 | 178,372 | 972,082 | 41.04 | 23,686 |
| 2006 | 953,797.00 | 130,663 | 153,289 | 991,268 | 41.28 | 24,013 |
| 2007 | 634,623.00 | 72,522 | 85,080 | 676,468 | 41.52 | 16,293 |
| 2008 | 276,833.87 | 25,148 | 29,503 | 302,698 | 41.76 | 7,249 |
| 2009 | 158,455.19 | 10,523 | 12,345 | 177,801 | 41.99 | 4,234 |
| 2010 | 90,426.27 | 3,674 | 4,310 | 104,201 | 42.23 | 2,467 |
| 2011 | 34,708.80 | 485 | 569 | 41,082 | 42.47 | 967 |
| | 233,688,019.98 | 90,533,179 | 106,209,895 | 174,215,729 | | 4,619,929 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1973 | 12,848,813.00 | 8,268,520 | 9,700,296 | 5,718,279 | 27.30 | 209,461 |
| 1975 | 3,197,441.00 | 2,007,251 | 2,354,826 | 1,482,103 | 27.62 | 53,660 |
| 1977 | 167,192.00 | 102,183 | 119,877 | 80,753 | 27.93 | 2,891 |
| 1991 | 61,986.00 | 28,484 | 33,416 | 40,967 | 30.02 | 1,365 |
| 1993 | 3,571,674.00 | 1,538,934 | 1,805,416 | 2,480,593 | 30.31 | 81,841 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1994 | 3,536,293.00 | 1,469,754 | 1,724,256 | 2,519,295 | 30.46 | 82,708 |
| 1995 | 4,786,019.00 | 1,913,584 | 2,244,940 | 3,498,283 | 30.60 | 114,323 |
| 2000 | 1,877,075.00 | 582,201 | 683,015 | 1,569,475 | 31.30 | 50,143 |
| 2005 | 2,835.00 | 560 | 657 | 2,745 | 31.99 | 86 |
| 2006 | 250,752.00 | 42,951 | 50,388 | 250,514 | 32.13 | 7,797 |
| 2007 | 22,063,597.09 | 3,177,688 | 3,727,936 | 22,748,380 | 32.26 | 705,157 |
| 2008 | 1,380.67 | 159 | 187 | 1,470 | 32.39 | 45 |
| 2009 | 17,357.38 | 1,464 | 1,718 | 19,111 | 32.53 | 587 |
| 2010 | 10,213.08 | 535 | 628 | 11,628 | 32.66 | 356 |
| 2011 | 19,190,665.16 | 345,893 | 405,788 | 22,623,010 | 32.80 | 689,726 |
| | 71,583,293.38 | 19,480,161 | 22,853,344 | 63,046,608 | | 2,000,146 |
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1971 | 502,452.00 | 330,822 | 388,107 | 214,835 | 26.98 | 7,963 |
| 1999 | 369,130.00 | 121,742 | 142,823 | 300,133 | 31.16 | 9,632 |
| 2000 | 202,992.00 | 62,961 | 73,863 | 169,727 | 31.30 | 5,423 |
| 2004 | 20,726,417.00 | 4,606,488 | 5,404,147 | 19,467,553 | 31.85 | 611,226 |
| 2005 | 11,721,777.00 | 2,314,301 | 2,715,045 | 11,351,087 | 31.99 | 354,832 |
| 2008 | 23,644.83 | 2,724 | 3,196 | 25,178 | 32.39 | 777 |
| 2010 | 361,363.67 | 18,920 | 22,196 | 411,440 | 32.66 | 12,598 |
| 2011 | 4,414.90 | 80 | 94 | 5,204 | 32.80 | 159 |
| | 33,912,191.40 | 7,458,038 | 8,749,471 | 31,945,159 | | 1,002,610 |
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1916 | 17,526.00 | 16,443 | 19,290 | 1,741 | 15.27 | 114 |
| 1956 | 2,912.00 | 1,996 | 2,342 | 1,153 | 29.35 | 39 |
| 1987 | 4,418.00 | 1,875 | 2,200 | 3,102 | 38.64 | 80 |
| 1988 | 33,180.00 | 13,690 | 16,061 | 23,755 | 38.93 | 610 |
| 1990 | 192,454.00 | 74,741 | 87,683 | 143,262 | 39.50 | 3,627 |
| 1992 | 2,045,849.00 | 741,808 | 870,259 | 1,584,759 | 40.07 | 39,550 |
| 1997 | 5,861,469.00 | 1,706,461 | 2,001,952 | 5,031,811 | 41.49 | 121,278 |
| 1998 | 3,123,615.00 | 860,693 | 1,009,730 | 2,738,608 | 41.77 | 65,564 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1999 | 3,600,420.00 | 933,531 | 1,095,181 | 3,225,323 | 42.05 | 76,702 |
| 2000 | 4,254,164.00 | 1,032,332 | 1,211,090 | 3,893,906 | 42.33 | 91,989 |
| 2002 | 2,534,159.00 | 525,514 | 616,512 | 2,424,479 | 42.89 | 56,528 |
| | 21,670,166.00 | 5,909,084 | 6,932,300 | 19,071,899 | | 456,081 |
| CEDAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1927 | 378,048.00 | 328,493 | 385,375 | 68,283 | 19.31 | 3,536 |
| 1984 | 29,918.00 | 13,688 | 16,058 | 19,843 | 37.78 | 525 |
| 1985 | 12,119.00 | 5,413 | 6,350 | 8,192 | 38.07 | 215 |
| 1993 | 105,672.00 | 36,892 | 43,280 | 83,526 | 40.36 | 2,070 |
| 1999 | 3,558,337.00 | 922,620 | 1,082,381 | 3,187,624 | 42.05 | 75,806 |
| 2000 | 4,054,564.00 | 983,897 | 1,154,268 | 3,711,208 | 42.33 | 87,673 |
| 2001 | 1,399,761.00 | 315,383 | 369,995 | 1,309,719 | 42.61 | 30,737 |
| 2002 | 2,630,358.00 | 545,463 | 639,915 | 2,516,514 | 42.89 | 58,674 |
| 2003 | 30,049.00 | 5,673 | 6,655 | 29,403 | 43.17 | 681 |
| | 12,198,826.00 | 3,157,522 | 3,704,278 | 10,934,313 | | 259,917 |
| BRIDGEWATER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2011 | 831.59 | 11 | 13 | 985 | 45.39 | 22 |
| | 831.59 | 11 | 13 | 985 | | 22 |
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1953 | 7,029.00 | 5,875 | 6,892 | 1,542 | 19.11 | 81 |
| 1987 | 5,324.00 | 3,208 | 3,763 | 2,625 | 22.13 | 119 |
| 1993 | 3,298,774.00 | 1,716,774 | 2,014,051 | 1,944,478 | 22.59 | 86,077 |
| 2008 | 6,309.45 | 964 | 1,131 | 6,440 | 23.66 | 272 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2009 | 1,461.96 | 165 | 194 | 1,561 | 23.73 | 66 |
| 2010 | 5,356.78 | 379 | 445 | 5,984 | 23.80 | 251 |
| 2011 | 8,226.36 | 199 | 233 | 9,638 | 23.87 | 404 |
| | 3,332,481.55 | 1,727,564 | 2,026,709 | 1,972,269 | | 87,270 |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1915 | 101,284.00 | 95,636 | 112,196 | 9,344 | 14.92 | 626 |
| 1983 | 33,063.00 | 15,474 | 18,153 | 21,522 | 37.49 | 574 |
| 1993 | 736,479.00 | 257,117 | 301,639 | 582,135 | 40.36 | 14,424 |
| 1994 | 2,225,319.00 | 746,185 | 875,394 | 1,794,989 | 40.64 | 44,168 |
| 1995 | 3,829,554.00 | 1,229,700 | 1,442,635 | 3,152,830 | 40.92 | 77,049 |
| 1996 | 1,617,818.00 | 495,441 | 581,231 | 1,360,150 | 41.21 | 33,005 |
| 2009 | 26,969.50 | 1,677 | 1,967 | 30,396 | 44.84 | 678 |
| | 8,570,486.50 | 2,841,230 | 3,333,217 | 6,951,367 | | 170,524 |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1923 | 439,656.00 | 393,205 | 461,292 | 66,295 | 17.83 | 3,718 |
| 1983 | 46,999.00 | 21,996 | 25,805 | 30,594 | 37.49 | 816 |
| 1988 | 3,476.00 | 1,434 | 1,682 | 2,489 | 38.93 | 64 |
| 1990 | 52,459.00 | 20,373 | 23,901 | 39,050 | 39.50 | 989 |
| 2002 | 42,515.00 | 8,816 | 10,343 | 40,675 | 42.89 | 948 |
| 2003 | 4,590,375.00 | 866,644 | 1,016,712 | 4,491,738 | 43.17 | 104,048 |
| 2005 | 10,059,464.00 | 1,505,298 | 1,765,955 | 10,305,402 | 43.73 | 235,660 |
| 2006 | 860,261.00 | 110,953 | 130,166 | 902,148 | 44.01 | 20,499 |
| 2008 | 73,263.45 | 6,267 | 7,352 | 80,564 | 44.56 | 1,808 |
| 2010 | 59,402.44 | 2,264 | 2,656 | 68,627 | 45.12 | 1,521 |
| | 16,227,870.89 | 2,937,250 | 3,445,864 | 16,027,581 | | 370,071 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1910 | 119,481.00 | 117,792 | 138,189 | 5,188 | 12.47 | 416 |
| 1954 | 502.00 | 417 | 489 | 113 | 19.22 | 6 |
| 1955 | 2,420.00 | 2,002 | 2,349 | 555 | 19.32 | 29 |
| 1956 | 191.00 | 157 | 184 | 45 | 19.42 | 2 |
| 1974 | 42,618.00 | 30,824 | 36,161 | 14,980 | 21.08 | 711 |
| 1994 | 28,098.00 | 14,172 | 16,626 | 17,092 | 22.66 | 754 |
| 2006 | 5,140,235.00 | 1,151,742 | 1,351,178 | 4,817,104 | 23.52 | 204,809 |
| 2007 | 5,031,155.99 | 954,511 | 1,119,794 | 4,917,593 | 23.59 | 208,461 |
| | 10,364,700.99 | 2,271,617 | 2,664,970 | 9,772,671 | | 415,188 |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1928 | 124,086.00 | 107,012 | 125,542 | 23,361 | 19.69 | 1,186 |
| 1956 | 795.00 | 545 | 639 | 315 | 29.35 | 11 |
| 1958 | 795.00 | 534 | 626 | 328 | 29.98 | 11 |
| 1983 | 28,027.00 | 13,117 | 15,388 | 18,244 | 37.49 | 487 |
| 1987 | 35,182.00 | 14,930 | 17,515 | 24,703 | 38.64 | 639 |
| 1990 | 3,849.00 | 1,495 | 1,754 | 2,865 | 39.50 | 73 |
| 1997 | 4,054,653.00 | 1,180,439 | 1,384,844 | 3,480,740 | 41.49 | 83,893 |
| 1999 | 3,820,795.00 | 990,671 | 1,162,215 | 3,422,739 | 42.05 | 81,397 |
| 2000 | 672,746.00 | 163,251 | 191,520 | 615,776 | 42.33 | 14,547 |
| | 8,740,928.00 | 2,471,994 | 2,900,044 | 7,589,070 | | 182,244 |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1925 | 337,506.00 | 297,563 | 349,089 | 55,918 | 18.57 | 3,011 |
| 1954 | 789.00 | 551 | 646 | 300 | 28.71 | 10 |
| 1982 | 6,804.00 | 3,254 | 3,817 | 4,347 | 37.20 | 117 |
| 1983 | 42,879.00 | 20,068 | 23,543 | 27,912 | 37.49 | 745 |
| 1985 | 16,297.00 | 7,279 | 8,539 | 11,017 | 38.07 | 289 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2000 | 4,235,349.00 | 1,027,767 | 1,205,735 | 3,876,683 | 42.33 | 91,582 |
| 2002 | 2,042,688.00 | 423,596 | 496,946 | 1,954,280 | 42.89 | 45,565 |
| 2007 | 9,709.83 | 1,047 | 1,228 | 10,423 | 44.28 | 235 |
| | 6,692,021.83 | 1,781,125 | 2,089,545 | 5,940,881 | | 141,554 |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1920 | 179,033.89 | 166,639 | 195,494 | 19,346 | 15.64 | 1,237 |
| 1952 | 978.00 | 784 | 920 | 254 | 21.56 | 12 |
| 1982 | 10,717.00 | 6,492 | 7,616 | 5,244 | 25.37 | 207 |
| 1992 | 363,083.00 | 176,240 | 206,758 | 228,942 | 26.47 | 8,649 |
| 2000 | 0.61 | | | 1 | 27.32 | |
| 2006 | 242,464.00 | 47,007 | 55,147 | 235,810 | 27.92 | 8,446 |
| 2010 | 95,897.23 | 5,752 | 6,748 | 108,329 | 28.32 | 3,825 |
| | 892,173.73 | 402,914 | 472,683 | 597,925 | | 22,376 |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1919 | 365,805.00 | 336,375 | 394,622 | 44,344 | 16.36 | 2,711 |
| 1990 | 33,029.00 | 12,827 | 15,048 | 24,587 | 39.50 | 622 |
| 1991 | 397,087.00 | 149,155 | 174,983 | 301,522 | 39.79 | 7,578 |
| 1995 | 29,147.00 | 9,359 | 10,980 | 23,997 | 40.92 | 586 |
| 1996 | 4,292,774.00 | 1,314,619 | 1,542,258 | 3,609,071 | 41.21 | 87,578 |
| 1997 | 4,487,043.00 | 1,306,322 | 1,532,525 | 3,851,927 | 41.49 | 92,840 |
| 1999 | 3,999,136.00 | 1,036,912 | 1,216,464 | 3,582,500 | 42.05 | 85,196 |
| 2000 | 5,114.00 | 1,241 | 1,456 | 4,681 | 42.33 | 111 |
| 2001 | 7,943,483.00 | 1,789,762 | 2,099,677 | 7,432,503 | 42.61 | 174,431 |
| 2007 | 20,656.04 | 2,227 | 2,613 | 22,175 | 44.28 | 501 |
| 2008 | 8,727.49 | 747 | 876 | 9,597 | 44.56 | 215 |
| 2009 | 1,839.56 | 114 | 134 | 2,074 | 44.84 | 46 |
| | 21,583,841.09 | 5,959,660 | 6,991,634 | 18,908,975 | | 452,415 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1925 | 316,697.00 | 279,217 | 327,566 | 52,470 | 18.57 | 2,826 |
| 1984 | 12,741.00 | 5,829 | 6,838 | 8,451 | 37.78 | 224 |
| 1986 | 13,232.00 | 5,764 | 6,762 | 9,116 | 38.36 | 238 |
| 1993 | 1,189,639.00 | 415,322 | 487,239 | 940,328 | 40.36 | 23,299 |
| 1997 | 10,019,496.00 | 2,916,996 | 3,422,103 | 8,601,292 | 41.49 | 207,310 |
| 1998 | 2,072,943.00 | 571,187 | 670,094 | 1,817,438 | 41.77 | 43,511 |
| 2000 | 3,677,535.00 | 892,405 | 1,046,934 | 3,366,108 | 42.33 | 79,521 |
| 2008 | 116,297.55 | 9,948 | 11,671 | 127,886 | 44.56 | 2,870 |
| 2010 | 15,221.03 | 580 | 680 | 17,585 | 45.12 | 390 |
| | 17,433,801.58 | 5,097,248 | 5,979,887 | 14,940,675 | | 360,189 |
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1907 | 323,601.00 | 321,087 | 376,686 | 11,635 | 12.12 | 960 |
| 1993 | 4,029,276.00 | 1,406,685 | 1,650,266 | 3,184,865 | 40.36 | 78,911 |
| 1994 | 37,550.00 | 12,591 | 14,771 | 30,289 | 40.64 | 745 |
| 1995 | 287,917.71 | 92,453 | 108,462 | 237,039 | 40.92 | 5,793 |
| 1997 | 221,537.00 | 64,497 | 75,665 | 190,179 | 41.49 | 4,584 |
| 2002 | 240,655.00 | 49,905 | 58,547 | 230,239 | 42.89 | 5,368 |
| 2009 | 6,727.87 | 418 | 490 | 7,583 | 44.84 | 169 |
| 2010 | 1,172.63 | 45 | 53 | 1,354 | 45.12 | 30 |
| 2011 | 82,667.85 | 1,081 | 1,268 | 97,933 | 45.39 | 2,158 |
| | 5,231,105.06 | 1,948,762 | 2,286,209 | 3,991,117 | | 98,718 |
| ROCKY CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1909 | 924,970.00 | 906,841 | 1,063,870 | 46,094 | 12.81 | 3,598 |
| 1993 | 76,697.00 | 26,776 | 31,413 | 60,624 | 40.36 | 1,502 |
| 1995 | 1,085,273.28 | 348,490 | 408,835 | 893,493 | 40.92 | 21,835 |
| | 2,086,940.28 | 1,282,107 | 1,504,117 | 1,000,211 | | 26,935 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1992 | 63,502.00 | 23,025 | 27,012 | 49,190 | 40.07 | 1,228 |
| 1996 | 8,208,976.00 | 2,513,917 | 2,949,227 | 6,901,544 | 41.21 | 167,473 |
| 1997 | 2,853,027.00 | 830,607 | 974,435 | 2,449,197 | 41.49 | 59,031 |
| 2008 | 132,613.43 | 11,343 | 13,307 | 145,829 | 44.56 | 3,273 |
| | 11,258,118.43 | 3,378,892 | 3,963,981 | 9,545,761 | | 231,005 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1954 | 228,841.00 | 181,278 | 212,668 | 61,941 | 21.85 | 2,835 |
| 1955 | 897.00 | 706 | 828 | 248 | 21.99 | 11 |
| 1956 | 75.00 | 59 | 69 | 21 | 22.13 | 1 |
| 1957 | 48.00 | 37 | 43 | 14 | 22.27 | 1 |
| 1988 | 464.00 | 250 | 293 | 264 | 26.04 | 10 |
| 2000 | 28,521.00 | 9,806 | 11,504 | 22,721 | 27.32 | 832 |
| 2001 | 28,921.00 | 9,315 | 10,928 | 23,777 | 27.42 | 867 |
| | 287,767.00 | 201,451 | 236,334 | 108,986 | | 4,557 |
| NPL BRYSON | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1942 | 29,825.00 | 25,147 | 29,502 | 6,288 | 20.01 | 314 |
| 1943 | 1,562.00 | 1,311 | 1,538 | 336 | 20.17 | 17 |
| 1988 | 421.00 | 227 | 266 | 239 | 26.04 | 9 |
| | 31,808.00 | 26,685 | 31,306 | 6,864 | | 340 |
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1952 | 144,166.00 | 115,520 | 135,524 | 37,476 | 21.56 | 1,738 |
| 1953 | 34,864.00 | 27,783 | 32,594 | 9,243 | 21.70 | 426 |
| 1954 | 1,542.00 | 1,222 | 1,434 | 417 | 21.85 | 19 |
| 1955 | 72.00 | 57 | 67 | 20 | 21.99 | 1 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1956 | 58.00 | 45 | 53 | 17 | 22.13 | 1 |
| 1957 | 260.00 | 202 | 237 | 75 | 22.27 | 3 |
| 1963 | 66.00 | 49 | 57 | 22 | 23.07 | 1 |
| 1968 | 1,102.00 | 790 | 927 | 396 | 23.71 | 17 |
| 1969 | 703.00 | 499 | 585 | 258 | 23.83 | 11 |
| 1988 | 1,037.00 | 559 | 656 | 589 | 26.04 | 23 |
| 1992 | 1,078.00 | 523 | 614 | 680 | 26.47 | 26 |
| 2000 | 15,299.00 | 5,260 | 6,171 | 12,188 | 27.32 | 446 |
| 2001 | 31,778.00 | 10,235 | 12,007 | 26,126 | 27.42 | 953 |
| 2005 | 19,109.00 | 4,250 | 4,986 | 17,945 | 27.82 | 645 |
| | 251,134.00 | 166,994 | 195,911 | 105,450 | | 4,310 |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1933 | 13,883.00 | 12,192 | 14,303 | 2,356 | 18.42 | 128 |
| 1942 | 1,621.00 | 1,367 | 1,604 | 341 | 20.01 | 17 |
| 1943 | 34,745.00 | 29,159 | 34,208 | 7,486 | 20.17 | 371 |
| 1949 | 1,049.00 | 854 | 1,002 | 257 | 21.11 | 12 |
| 1965 | 1,258.00 | 925 | 1,085 | 424 | 23.33 | 18 |
| 1988 | 421.00 | 227 | 266 | 239 | 26.04 | 9 |
| 2011 | 276,858.94 | 5,744 | 6,739 | 325,492 | 28.42 | 11,453 |
| | 329,835.94 | 50,468 | 59,207 | 336,596 | | 12,008 |
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1929 | 43,500.00 | 38,884 | 45,617 | 6,583 | 17.63 | 373 |
| 1930 | 1,117.00 | 994 | 1,166 | 174 | 17.83 | 10 |
| 1941 | 1,749.00 | 1,482 | 1,739 | 360 | 19.84 | 18 |
| 1942 | 1,430.00 | 1,206 | 1,415 | 301 | 20.01 | 15 |
| 1943 | 38,720.00 | 32,495 | 38,122 | 8,342 | 20.17 | 414 |
| 1944 | 186.00 | 155 | 182 | 41 | 20.34 | 2 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1946 | 311.00 | 257 | 302 | 72 | 20.65 | 3 |
| 1947 | 330.00 | 272 | 319 | 77 | 20.81 | 4 |
| 1988 | 842.00 | 454 | 533 | 478 | 26.04 | 18 |
| | 88,185.00 | 76,199 | 89,394 | 16,428 | | 857 |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1942 | 420,232.50 | 351,977 | 412,925 | 91,354 | 20.38 | 4,483 |
| 1943 | 4,322.00 | 3,602 | 4,226 | 961 | 20.56 | 47 |
| 1958 | 900.00 | 689 | 808 | 272 | 22.91 | 12 |
| 1970 | 1,527.00 | 1,062 | 1,246 | 587 | 24.56 | 24 |
| 1975 | 105.00 | 69 | 81 | 45 | 25.20 | 2 |
| 1982 | 2,376.00 | 1,418 | 1,664 | 1,188 | 26.06 | 46 |
| 1987 | 106,772.00 | 57,940 | 67,973 | 60,154 | 26.65 | 2,257 |
| 1988 | 1,553.00 | 824 | 967 | 897 | 26.77 | 34 |
| 1991 | 176,846.00 | 86,800 | 101,830 | 110,385 | 27.12 | 4,070 |
| 1992 | 81,757.00 | 38,978 | 45,727 | 52,381 | 27.23 | 1,924 |
| 2000 | 107,251.00 | 36,085 | 42,333 | 86,368 | 28.13 | 3,070 |
| 2001 | 56,109.00 | 17,672 | 20,732 | 46,599 | 28.24 | 1,650 |
| 2003 | 1,967,281.00 | 528,050 | 619,487 | 1,741,250 | 28.46 | 61,182 |
| 2010 | 354,329.65 | 20,643 | 24,218 | 400,978 | 29.20 | 13,732 |
| | 3,281,361.15 | 1,145,809 | 1,344,217 | 2,593,416 | | 92,533 |
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1949 | 34,302.00 | 30,427 | 35,695 | 5,467 | 16.42 | 333 |
| 1950 | 501.00 | 443 | 520 | 81 | 16.50 | 5 |
| 1979 | 196.00 | 143 | 168 | 67 | 18.44 | 4 |
| 1980 | 279.00 | 202 | 237 | 98 | 18.50 | 5 |
| 1988 | 421.00 | 270 | 317 | 188 | 18.95 | 10 |
| 1994 | 2,442.00 | 1,354 | 1,588 | 1,342 | 19.28 | 70 |
| | 38,141.00 | 32,839 | 38,525 | 7,244 | | 427 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1955 | 308,814.00 | 243,210 | 285,324 | 85,253 | 21.99 | 3,877 |
| 1956 | 137.00 | 107 | 126 | 39 | 22.13 | 2 |
| 1957 | 65.00 | 51 | 60 | 18 | 22.27 | 1 |
| 1959 | 7,245.00 | 5,564 | 6,527 | 2,167 | 22.54 | 96 |
| 1960 | 125.00 | 95 | 111 | 39 | 22.67 | 2 |
| 1988 | 464.00 | 250 | 293 | 264 | 26.04 | 10 |
| 1992 | 5,925.00 | 2,876 | 3,374 | 3,736 | 26.47 | 141 |
| 2000 | 2,653.00 | 912 | 1,070 | 2,114 | 27.32 | 77 |
| 2001 | 38,666.00 | 12,454 | 14,611 | 31,789 | 27.42 | 1,159 |
| 2007 | 7,611.46 | 1,242 | 1,457 | 7,677 | 28.02 | 274 |
| 2010 | 252,205.54 | 15,126 | 17,745 | 284,901 | 28.32 | 10,060 |
| | 623,911.00 | 281,887 | 330,698 | 417,995 | | 15,699 |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1941 | 389,547.00 | 330,020 | 387,166 | 80,290 | 19.84 | 4,047 |
| 1942 | 1,784.00 | 1,504 | 1,764 | 376 | 20.01 | 19 |
| 1943 | 2,286.00 | 1,918 | 2,250 | 493 | 20.17 | 24 |
| 1958 | 500.00 | 387 | 454 | 146 | 22.40 | 7 |
| 1960 | 255.00 | 195 | 229 | 77 | 22.67 | 3 |
| 1968 | 130.00 | 93 | 109 | 47 | 23.71 | 2 |
| 1988 | 1,036.00 | 559 | 656 | 587 | 26.04 | 23 |
| 1990 | 1,163.00 | 597 | 700 | 695 | 26.26 | 26 |
| 1993 | 11,241.00 | 5,286 | 6,201 | 7,288 | 26.58 | 274 |
| 1994 | 144.00 | 65 | 76 | 97 | 26.69 | 4 |
| 2000 | 12,546.00 | 4,313 | 5,060 | 9,995 | 27.32 | 366 |
| 2008 | 14,338.10 | 1,880 | 2,206 | 15,000 | 28.12 | 533 |
| 2011 | 315.00 | 7 | 8 | 370 | 28.42 | 13 |
| | 435,285.10 | 346,824 | 406,880 | 115,462 | | 5,341 |
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1951 | 129,556.00 | 104,401 | 122,479 | 32,988 | 21.41 | 1,541 |
| 1953 | 70.00 | 56 | 66 | 18 | 21.70 | 1 |

DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1955 | 71.00 | 56 | 66 | 20 | 21.99 | 1 |
| 1957 | 47.00 | 37 | 43 | 13 | 22.27 | 1 |
| 1959 | 43.00 | 33 | 39 | 13 | 22.54 | 1 |
| 1970 | 1,049.00 | 738 | 866 | 393 | 23.95 | 16 |
| 1971 | 278.00 | 194 | 228 | 106 | 24.08 | 4 |
| 1988 | 1,038.00 | 560 | 657 | 589 | 26.04 | 23 |
| 2000 | 5,302.00 | 1,823 | 2,139 | 4,224 | 27.32 | 155 |
| | 137,454.00 | 107,898 | 126,582 | 38,363 | | 1,743 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 70-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2008 | 836.52 | 106 | 124 | 880 | 28.99 | 30 |
| | 836.52 | 106 | 124 | 880 | | 30 |
| | 512,888,680.15 | 171,329,569 | 200,996,981 | 414,469,434 | | 11,417,934 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.3 2.23

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1963 | 1,219,216.44 | 765,239 | 841,326 | 438,851 | 24.03 | 18,263 |
| 1973 | 1,538.00 | 839 | 922 | 692 | 28.33 | 24 |
| 1974 | 3,173.00 | 1,702 | 1,871 | 1,460 | 28.77 | 51 |
| 1981 | 437,730.00 | 205,853 | 226,321 | 233,296 | 31.83 | 7,329 |
| 1988 | 22,778.00 | 8,979 | 9,872 | 14,045 | 34.92 | 402 |
| 1992 | 245,952.00 | 84,727 | 93,151 | 165,098 | 36.70 | 4,499 |
| 1996 | 113,961.00 | 32,946 | 36,222 | 83,437 | 38.48 | 2,168 |
| 1999 | 48,212.00 | 11,727 | 12,893 | 37,730 | 39.80 | 948 |
| 2001 | 1,367,854.00 | 287,479 | 316,063 | 1,120,184 | 40.68 | 27,536 |
| 2007 | 42,650.04 | 4,198 | 4,615 | 40,167 | 43.21 | 930 |
| 2008 | 47,817.30 | 3,720 | 4,090 | 46,118 | 43.61 | 1,058 |
| 2009 | 34,678.70 | 1,950 | 2,144 | 34,269 | 44.01 | 779 |
| 2010 | 14,529.64 | 499 | 549 | 14,708 | 44.39 | 331 |
| 2011 | 355,705.01 | 4,127 | 4,537 | 368,953 | 44.76 | 8,243 |
| | 3,955,795.13 | 1,413,985 | 1,554,576 | 2,599,009 | | 72,561 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1991 | 53,673,477.00 | 19,772,343 | 21,738,292 | 34,618,859 | 34.73 | 996,800 |
| 1994 | 96,167.00 | 31,597 | 34,739 | 66,237 | 35.90 | 1,845 |
| 1999 | 99,180.00 | 25,106 | 27,602 | 76,537 | 37.84 | 2,023 |
| 2000 | 1,908,972.00 | 451,736 | 496,652 | 1,507,769 | 38.22 | 39,450 |
| 2002 | 162,149.66 | 32,710 | 35,962 | 134,295 | 38.98 | 3,445 |
| 2005 | 55,510.00 | 8,047 | 8,847 | 49,438 | 40.08 | 1,233 |
| 2007 | 21,535.00 | 2,233 | 2,455 | 20,157 | 40.79 | 494 |
| 2009 | 67,081.72 | 3,989 | 4,386 | 66,050 | 41.47 | 1,593 |
| 2010 | 85,394.69 | 3,107 | 3,416 | 86,248 | 41.79 | 2,064 |
| 2011 | 362,868.13 | 4,469 | 4,913 | 376,098 | 42.11 | 8,931 |
| | 56,532,335.20 | 20,335,337 | 22,357,264 | 37,001,688 | | 1,057,878 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1973 | 3,577,560.48 | 2,123,778 | 2,334,944 | 1,421,495 | 24.17 | 58,812 |
| 1975 | 1,355,227.00 | 783,725 | 861,650 | 561,338 | 24.69 | 22,735 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1977 | 1,257.00 | 707 | 777 | 543 | 25.20 | 22 |
| 1984 | 33,745.00 | 16,833 | 18,507 | 16,926 | 26.95 | 628 |
| 1986 | 149,183.00 | 71,308 | 78,398 | 78,244 | 27.44 | 2,851 |
| 1987 | 73,553.00 | 34,356 | 37,772 | 39,459 | 27.68 | 1,426 |
| 1988 | 22,997.00 | 10,478 | 11,520 | 12,627 | 27.93 | 452 |
| 1990 | 128,744.00 | 55,585 | 61,112 | 74,069 | 28.41 | 2,607 |
| 1994 | 61,070.00 | 23,098 | 25,395 | 38,729 | 29.36 | 1,319 |
| 1995 | 39,559.00 | 14,381 | 15,811 | 25,726 | 29.59 | 869 |
| 2000 | 4,059,466.00 | 1,137,048 | 1,250,104 | 3,012,335 | 30.73 | 98,026 |
| 2001 | 15,990.00 | 4,181 | 4,597 | 12,193 | 30.94 | 394 |
| 2007 | 36,521.00 | 4,677 | 5,142 | 33,205 | 32.18 | 1,032 |
| 2008 | 53,786.01 | 5,498 | 6,045 | 50,431 | 32.36 | 1,558 |
| 2009 | 115,726.02 | 8,635 | 9,494 | 112,019 | 32.55 | 3,441 |
| | 9,724,384.51 | 4,294,288 | 4,721,266 | 5,489,338 | | 196,172 |
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1971 | 191,761.00 | 116,617 | 128,212 | 73,137 | 23.65 | 3,092 |
| 1973 | 1,432.00 | 850 | 935 | 569 | 24.17 | 24 |
| 1985 | 24,746.00 | 12,093 | 13,295 | 12,688 | 27.19 | 467 |
| 1988 | 372,686.00 | 169,806 | 186,690 | 204,631 | 27.93 | 7,327 |
| 1989 | 12,039.00 | 5,344 | 5,875 | 6,766 | 28.17 | 240 |
| 1991 | 24,136.00 | 10,115 | 11,121 | 14,222 | 28.65 | 496 |
| 1995 | 189,312.00 | 68,821 | 75,664 | 123,114 | 29.59 | 4,161 |
| 1999 | 2,652,633.00 | 791,600 | 870,308 | 1,914,956 | 30.50 | 62,785 |
| 2000 | 2,179,368.00 | 610,437 | 671,132 | 1,617,204 | 30.73 | 52,626 |
| 2001 | 217,822.00 | 56,956 | 62,619 | 166,094 | 30.94 | 5,368 |
| 2002 | 11,133,353.00 | 2,689,289 | 2,956,683 | 8,733,338 | 31.16 | 280,274 |
| 2004 | 592,630.00 | 118,130 | 129,876 | 492,386 | 31.58 | 15,592 |
| 2005 | 444,872.00 | 78,588 | 86,402 | 380,714 | 31.79 | 11,976 |
| 2007 | 316,728.00 | 40,560 | 44,593 | 287,972 | 32.18 | 8,949 |
| 2010 | 117,450.10 | 5,405 | 5,942 | 117,380 | 32.72 | 3,587 |
| | 18,470,968.10 | 4,774,611 | 5,249,347 | 14,145,170 | | 456,964 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1916 | 15,211.00 | 14,151 | 15,558 | 414 | 6.84 | 61 |
| 1954 | 2,663.00 | 1,851 | 2,035 | 761 | 20.26 | 38 |
| 1961 | 23,072.00 | 14,834 | 16,309 | 7,917 | 23.19 | 341 |
| 1972 | 740.00 | 410 | 451 | 326 | 27.90 | 12 |
| 1973 | 22,146.00 | 12,076 | 13,277 | 9,977 | 28.33 | 352 |
| 1975 | 1,245.00 | 657 | 722 | 585 | 29.20 | 20 |
| 1986 | 4,140.00 | 1,727 | 1,899 | 2,448 | 34.03 | 72 |
| 1991 | 1,467.00 | 524 | 576 | 964 | 36.26 | 27 |
| 1992 | 796,048.00 | 274,226 | 301,492 | 534,358 | 36.70 | 14,560 |
| 1996 | 315,150.00 | 91,109 | 100,168 | 230,740 | 38.48 | 5,996 |
| 1997 | 2,035,292.00 | 558,199 | 613,700 | 1,523,356 | 38.92 | 39,141 |
| 1998 | 122,386.00 | 31,702 | 34,854 | 93,651 | 39.36 | 2,379 |
| 1999 | 207,678.00 | 50,516 | 55,539 | 162,523 | 39.80 | 4,083 |
| 2000 | 306,155.00 | 69,503 | 76,414 | 245,049 | 40.24 | 6,090 |
| 2002 | 428,073.00 | 82,632 | 90,848 | 358,629 | 41.11 | 8,724 |
| 2008 | 34,245.16 | 2,664 | 2,929 | 33,029 | 43.61 | 757 |
| | 4,315,711.16 | 1,206,781 | 1,326,770 | 3,204,727 | | 82,653 |
| CEDAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1986 | 2,484.00 | 1,036 | 1,139 | 1,469 | 34.03 | 43 |
| 1999 | 2,160,076.20 | 525,423 | 577,665 | 1,690,415 | 39.80 | 42,473 |
| 2000 | 528,992.00 | 120,092 | 132,033 | 423,409 | 40.24 | 10,522 |
| 2001 | 22,500.00 | 4,729 | 5,199 | 18,426 | 40.68 | 453 |
| 2002 | 468,000.00 | 90,339 | 99,321 | 392,079 | 41.11 | 9,537 |
| 2010 | 25,148.06 | 863 | 949 | 25,457 | 44.39 | 573 |
| | 3,207,200.26 | 742,482 | 816,306 | 2,551,254 | | 63,601 |
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1986 | 2,604.00 | 1,433 | 1,575 | 1,159 | 21.23 | 55 |
| 1991 | 44,884.00 | 22,100 | 24,297 | 22,831 | 21.88 | 1,043 |
| 1993 | 1,693,418.00 | 787,676 | 865,994 | 912,095 | 22.13 | 41,215 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1998 | 2,421.00 | 930 | 1,022 | 1,520 | 22.73 | 67 |
| 2001 | 7,116.00 | 2,308 | 2,537 | 4,934 | 23.07 | 214 |
| 2002 | 5,542.00 | 1,674 | 1,840 | 3,979 | 23.18 | 172 |
| | 1,755,985.00 | 816,121 | 897,267 | 946,517 | | 42,766 |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1915 | 39,200.00 | 36,674 | 40,320 | 840 | 6.54 | 128 |
| 1973 | 2,166.00 | 1,181 | 1,298 | 976 | 28.33 | 34 |
| 1983 | 6,218.00 | 2,797 | 3,075 | 3,454 | 32.71 | 106 |
| 1986 | 2,509.00 | 1,047 | 1,151 | 1,483 | 34.03 | 44 |
| 1992 | 1,412.00 | 486 | 534 | 948 | 36.70 | 26 |
| 1995 | 1,617,365.06 | 490,738 | 539,532 | 1,158,702 | 38.04 | 30,460 |
| 1996 | 280,045.00 | 80,960 | 89,010 | 205,037 | 38.48 | 5,328 |
| 2010 | 26,691.99 | 916 | 1,007 | 27,020 | 44.39 | 609 |
| | 1,975,607.05 | 614,799 | 675,928 | 1,398,459 | | 36,735 |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1923 | 100,110.00 | 89,366 | 98,252 | 6,864 | 8.99 | 764 |
| 1974 | 16,294.00 | 8,740 | 9,609 | 7,500 | 28.77 | 261 |
| 1983 | 8,720.00 | 3,922 | 4,312 | 4,844 | 32.71 | 148 |
| 1984 | 2,417.00 | 1,061 | 1,166 | 1,371 | 33.15 | 41 |
| 1986 | 3,345.00 | 1,396 | 1,535 | 1,977 | 34.03 | 58 |
| 1993 | 750.00 | 248 | 273 | 515 | 37.15 | 14 |
| 1998 | 9,485.00 | 2,457 | 2,701 | 7,258 | 39.36 | 184 |
| 2000 | 94,440.00 | 21,440 | 23,572 | 75,590 | 40.24 | 1,878 |
| 2002 | 8,282.00 | 1,599 | 1,758 | 6,938 | 41.11 | 169 |
| 2003 | 1,207,872.00 | 211,635 | 232,678 | 1,035,588 | 41.54 | 24,930 |
| 2005 | 538,387.00 | 74,253 | 81,636 | 483,670 | 42.39 | 11,410 |
| 2006 | 535,168.00 | 63,470 | 69,781 | 492,146 | 42.80 | 11,499 |
| | 2,525,270.00 | 479,587 | 527,272 | 2,124,262 | | 51,356 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1910 | 35,863.00 | 34,474 | 37,656 | | | |
| 1944 | 1,083.00 | 862 | 950 | 187 | 14.36 | 13 |
| 1947 | 507.00 | 397 | 437 | 95 | 14.98 | 6 |
| 1963 | 12,699.00 | 9,049 | 9,972 | 3,362 | 17.87 | 188 |
| 1973 | 5,507.00 | 3,616 | 3,985 | 1,798 | 19.41 | 93 |
| 1991 | 40,577.00 | 19,979 | 22,017 | 20,589 | 21.88 | 941 |
| 2001 | 6,820.00 | 2,212 | 2,438 | 4,723 | 23.07 | 205 |
| 2006 | 163,505.00 | 32,315 | 35,611 | 136,069 | 23.59 | 5,768 |
| 2007 | 162,587.00 | 27,159 | 29,929 | 140,787 | 23.68 | 5,945 |
| | 429,148.00 | 130,063 | 142,995 | 307,610 | | 13,159 |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1983 | 16,249.00 | 7,308 | 8,035 | 9,027 | 32.71 | 276 |
| 1986 | 393,634.88 | 164,244 | 180,575 | 232,742 | 34.03 | 6,839 |
| 1991 | 14,360.00 | 5,130 | 5,640 | 9,438 | 36.26 | 260 |
| 1997 | 1,983,262.00 | 543,929 | 598,012 | 1,484,413 | 38.92 | 38,140 |
| 1999 | 784,067.00 | 190,719 | 209,682 | 613,588 | 39.80 | 15,417 |
| 2000 | 144,751.00 | 32,861 | 36,128 | 115,860 | 40.24 | 2,879 |
| 2010 | 31,579.98 | 1,084 | 1,192 | 31,967 | 44.39 | 720 |
| 2011 | 42,258.25 | 490 | 539 | 43,832 | 44.76 | 979 |
| | 3,410,162.11 | 945,765 | 1,039,802 | 2,540,868 | | 65,510 |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1925 | 47,619.00 | 41,975 | 46,149 | 3,851 | 9.63 | 400 |
| 1983 | 15,571.00 | 7,003 | 7,699 | 8,650 | 32.71 | 264 |
| 1985 | 169,504.00 | 72,598 | 79,816 | 98,163 | 33.59 | 2,922 |
| 1986 | 2,509.00 | 1,047 | 1,151 | 1,483 | 34.03 | 44 |
| 1994 | 3,710.50 | 1,178 | 1,295 | 2,601 | 37.59 | 69 |
| 2000 | 1,448,437.00 | 328,825 | 361,520 | 1,159,339 | 40.24 | 28,811 |
| 2002 | 479,773.00 | 92,612 | 101,820 | 401,941 | 41.11 | 9,777 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2005 | 35,371.00 | 4,878 | 5,363 | 31,777 | 42.39 | 750 |
| 2009 | 8,903.19 | 501 | 551 | 8,798 | 44.01 | 200 |
| 2010 | 8,602.58 | 295 | 324 | 8,708 | 44.39 | 196 |
| | 2,220,000.27 | 550,912 | 605,689 | 1,725,311 | | 43,433 |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1960 | 11,129.00 | 7,782 | 8,556 | 3,130 | 19.26 | 163 |
| 1969 | 1,784.00 | 1,155 | 1,270 | 603 | 21.20 | 28 |
| 1974 | 36,437.00 | 22,369 | 24,593 | 13,666 | 22.22 | 615 |
| 1977 | 5,978.00 | 3,535 | 3,886 | 2,390 | 22.82 | 105 |
| 1982 | 4,593.00 | 2,523 | 2,774 | 2,049 | 23.78 | 86 |
| 1986 | 213,899.00 | 109,047 | 119,889 | 104,705 | 24.53 | 4,268 |
| 1993 | 152,990.00 | 64,865 | 71,314 | 89,325 | 25.81 | 3,461 |
| 2004 | 12,966.00 | 2,879 | 3,165 | 10,449 | 27.63 | 378 |
| | 439,776.00 | 214,155 | 235,448 | 226,317 | | 9,104 |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1976 | 72,607.17 | 37,637 | 41,379 | 34,858 | 29.64 | 1,176 |
| 1978 | 82,476.00 | 41,217 | 45,315 | 41,285 | 30.51 | 1,353 |
| 1986 | 4,140.00 | 1,727 | 1,899 | 2,448 | 34.03 | 72 |
| 1991 | 59,911.00 | 21,404 | 23,532 | 39,374 | 36.26 | 1,086 |
| 1996 | 2,113,715.00 | 611,068 | 671,826 | 1,547,575 | 38.48 | 40,218 |
| 1997 | 679,794.00 | 186,440 | 204,978 | 508,806 | 38.92 | 13,073 |
| 1999 | 445,571.00 | 108,382 | 119,158 | 348,691 | 39.80 | 8,761 |
| 2001 | 822,656.00 | 172,896 | 190,087 | 673,702 | 40.68 | 16,561 |
| 2008 | 34,980.12 | 2,722 | 2,993 | 33,736 | 43.61 | 774 |
| 2010 | 44,084.29 | 1,513 | 1,663 | 44,625 | 44.39 | 1,005 |
| | 4,359,934.58 | 1,185,006 | 1,302,830 | 3,275,101 | | 84,079 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1925 | 88,798.60 | 78,274 | 86,057 | 7,182 | 9.63 | 746 |
| 1980 | 182,771.00 | 87,778 | 96,506 | 95,404 | 31.39 | 3,039 |
| 1986 | 6,923.00 | 2,889 | 3,176 | 4,093 | 34.03 | 120 |
| 1997 | 1,909,588.00 | 523,724 | 575,797 | 1,429,270 | 38.92 | 36,723 |
| 1998 | 746,558.00 | 193,385 | 212,613 | 571,273 | 39.36 | 14,514 |
| 2000 | 389,689.00 | 88,467 | 97,263 | 311,910 | 40.24 | 7,751 |
| 2010 | 63,730.76 | 2,188 | 2,406 | 64,512 | 44.39 | 1,453 |
| | 3,388,058.36 | 976,705 | 1,073,818 | 2,483,643 | | 64,346 |
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1907 | 89,180.00 | 87,053 | 93,639 | | | |
| 1987 | 652,195.00 | 264,663 | 292,921 | 391,884 | 34.48 | 11,366 |
| 2002 | 21,225.00 | 4,097 | 4,534 | 17,752 | 41.11 | 432 |
| 2004 | 84,194.00 | 13,205 | 14,615 | 73,789 | 41.97 | 1,758 |
| | 846,794.00 | 369,018 | 405,709 | 483,425 | | 13,556 |
| ROCKY CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1909 | 79,874.00 | 77,173 | 83,868 | | | |
| 1984 | 459.00 | 202 | 222 | 260 | 33.15 | 8 |
| 1995 | 2,083,637.00 | 632,214 | 696,051 | 1,491,768 | 38.04 | 39,216 |
| 2010 | 22,654.12 | 778 | 857 | 22,930 | 44.39 | 517 |
| | 2,186,624.12 | 710,367 | 780,998 | 1,514,957 | | 39,741 |
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1991 | 1,042,475.00 | 372,437 | 409,468 | 685,131 | 36.26 | 18,895 |
| 1996 | 2,005,665.00 | 579,831 | 637,483 | 1,468,465 | 38.48 | 38,162 |
| 1997 | 319,304.00 | 87,572 | 96,279 | 238,990 | 38.92 | 6,141 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2006 | 23,189.00 | 2,750 | 3,023 | 21,325 | 42.80 | 498 |
| 2007 | 23,168.62 | 2,281 | 2,508 | 21,819 | 43.21 | 505 |
| 2008 | 34,889.62 | 2,715 | 2,985 | 33,649 | 43.61 | 772 |
| 2010 | 19,151.17 | 657 | 722 | 19,386 | 44.39 | 437 |
| | 3,467,842.41 | 1,048,243 | 1,152,469 | 2,488,766 | | 65,410 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1954 | 42,220.00 | 30,831 | 33,897 | 10,434 | 17.87 | 584 |
| 1961 | 582.00 | 404 | 444 | 167 | 19.49 | 9 |
| 1992 | 1,716.00 | 751 | 826 | 976 | 25.63 | 38 |
| 1993 | 20,540.00 | 8,709 | 9,575 | 11,992 | 25.81 | 465 |
| 1994 | 9,800.00 | 4,016 | 4,415 | 5,875 | 25.98 | 226 |
| 1996 | 3,323.00 | 1,259 | 1,384 | 2,105 | 26.33 | 80 |
| 2003 | 23,499.00 | 5,761 | 6,334 | 18,340 | 27.48 | 667 |
| 2009 | 15,199.48 | 1,295 | 1,424 | 14,536 | 28.32 | 513 |
| 2011 | 5,920.92 | 107 | 118 | 6,099 | 28.56 | 214 |
| | 122,800.40 | 53,133 | 58,416 | 70,524 | | 2,796 |
| NPL BRYSON | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1942 | 3,540.00 | 2,798 | 3,076 | 641 | 14.77 | 43 |
| 1943 | 2,169.00 | 1,703 | 1,872 | 405 | 15.05 | 27 |
| 1947 | 41.00 | 31 | 34 | 9 | 16.12 | 1 |
| 1951 | 466.00 | 347 | 381 | 108 | 17.14 | 6 |
| 1956 | 43.00 | 31 | 34 | 11 | 18.34 | 1 |
| 1961 | 98.00 | 68 | 75 | 28 | 19.49 | 1 |
| 1965 | 240.00 | 161 | 177 | 75 | 20.36 | 4 |
| 1973 | 582.00 | 361 | 397 | 214 | 22.02 | 10 |
| 1979 | 416.00 | 239 | 263 | 174 | 23.21 | 7 |
| 2002 | 2,139.00 | 572 | 629 | 1,617 | 27.32 | 59 |
| | 9,734.00 | 6,311 | 6,938 | 3,283 | | 159 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1952 | 28,796.00 | 21,320 | 23,440 | 6,796 | 17.38 | 391 |
| 1961 | 676.00 | 469 | 516 | 194 | 19.49 | 10 |
| 1992 | 4,193.00 | 1,836 | 2,019 | 2,384 | 25.63 | 93 |
| 1993 | 473.00 | 201 | 221 | 276 | 25.81 | 11 |
| 1994 | 528.00 | 216 | 237 | 317 | 25.98 | 12 |
| 1996 | 3,281.00 | 1,243 | 1,367 | 2,078 | 26.33 | 79 |
| 2001 | 7,051.00 | 2,033 | 2,235 | 5,168 | 27.16 | 190 |
| 2002 | 12,632.00 | 3,377 | 3,713 | 9,551 | 27.32 | 350 |
| 2003 | 39,074.00 | 9,579 | 10,531 | 30,496 | 27.48 | 1,110 |
| | 96,704.00 | 40,274 | 44,278 | 57,261 | | 2,246 |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1933 | 3,672.00 | 3,075 | 3,381 | 475 | 12.14 | 39 |
| 1935 | 741.00 | 613 | 674 | 104 | 12.75 | 8 |
| 1940 | 1,200.00 | 961 | 1,057 | 203 | 14.21 | 14 |
| 1945 | 216.00 | 167 | 184 | 43 | 15.59 | 3 |
| 1946 | 3,938.00 | 3,033 | 3,335 | 800 | 15.86 | 50 |
| 1947 | 359.00 | 275 | 302 | 75 | 16.12 | 5 |
| 1951 | 183.00 | 136 | 150 | 43 | 17.14 | 3 |
| 1961 | 98.00 | 68 | 75 | 28 | 19.49 | 1 |
| 1964 | 182.00 | 123 | 135 | 56 | 20.14 | 3 |
| 1965 | 242.00 | 162 | 178 | 76 | 20.36 | 4 |
| 1973 | 320.00 | 199 | 219 | 117 | 22.02 | 5 |
| 1981 | 537.00 | 300 | 330 | 234 | 23.59 | 10 |
| 1982 | 165.00 | 91 | 100 | 73 | 23.78 | 3 |
| 1992 | 544.00 | 238 | 262 | 310 | 25.63 | 12 |
| 1994 | 25,833.00 | 10,586 | 11,639 | 15,486 | 25.98 | 596 |
| 2002 | 4,425.00 | 1,183 | 1,301 | 3,346 | 27.32 | 122 |
| | 42,655.00 | 21,210 | 23,319 | 21,469 | | 878 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1929 | 1,688.00 | 1,451 | 1,595 | 177 | 10.89 | 16 |
| 1933 | 14.00 | 12 | 13 | 2 | 12.14 | |
| 1934 | 106.00 | 88 | 97 | 15 | 12.45 | 1 |
| 1936 | 22.00 | 18 | 20 | 3 | 13.05 | |
| 1942 | 93.00 | 74 | 81 | 16 | 14.77 | 1 |
| 1943 | 1,382.00 | 1,085 | 1,193 | 258 | 15.05 | 17 |
| 1946 | 162.00 | 125 | 137 | 33 | 15.86 | 2 |
| 1947 | 62.00 | 47 | 52 | 13 | 16.12 | 1 |
| 1948 | 9,095.00 | 6,914 | 7,601 | 1,948 | 16.38 | 119 |
| 1955 | 166.00 | 120 | 132 | 42 | 18.11 | 2 |
| 1956 | 43.00 | 31 | 34 | 11 | 18.34 | 1 |
| 1961 | 98.00 | 68 | 75 | 28 | 19.49 | 1 |
| 1963 | 54.00 | 37 | 41 | 16 | 19.93 | 1 |
| 1979 | 403.00 | 232 | 255 | 168 | 23.21 | 7 |
| 1987 | 1,052.00 | 525 | 577 | 527 | 24.72 | 21 |
| 1988 | 1,115.00 | 544 | 598 | 573 | 24.90 | 23 |
| 1992 | 361.00 | 158 | 174 | 205 | 25.63 | 8 |
| 2001 | 2,350.00 | 678 | 745 | 1,722 | 27.16 | 63 |
| 2002 | 4,549.00 | 1,216 | 1,337 | 3,440 | 27.32 | 126 |
| 2003 | 28,170.00 | 6,906 | 7,593 | 21,986 | 27.48 | 800 |
| | 50,985.00 | 20,329 | 22,350 | 31,184 | | 1,210 |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1942 | 38,070.00 | 30,017 | 33,002 | 6,972 | 14.89 | 468 |
| 1960 | 844.00 | 586 | 644 | 242 | 19.58 | 12 |
| 1963 | 1,956.00 | 1,326 | 1,458 | 596 | 20.28 | 29 |
| 1966 | 244.00 | 161 | 177 | 79 | 20.96 | 4 |
| 1988 | 1,833.00 | 881 | 969 | 956 | 25.54 | 37 |
| 1991 | 1,409.00 | 626 | 688 | 791 | 26.12 | 30 |
| 1992 | 115,112.00 | 49,598 | 54,530 | 66,338 | 26.31 | 2,521 |
| 1993 | 5,493.00 | 2,291 | 2,519 | 3,249 | 26.50 | 123 |
| 1997 | 88,007.00 | 31,310 | 34,423 | 57,984 | 27.24 | 2,129 |
| 2000 | 637,319.00 | 192,444 | 211,579 | 457,606 | 27.77 | 16,478 |
| 2001 | 163,533.00 | 46,185 | 50,777 | 120,932 | 27.94 | 4,328 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2002 | 35,836.00 | 9,377 | 10,309 | 27,318 | 28.11 | 972 |
| 2003 | 166,110.00 | 39,833 | 43,794 | 130,622 | 28.28 | 4,619 |
| 2007 | 240,461.00 | 33,886 | 37,255 | 215,229 | 28.90 | 7,447 |
| | 1,496,227.00 | 438,521 | 482,123 | 1,088,915 | | 39,197 |
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1949 | 6,911.00 | 5,506 | 6,053 | 1,203 | 14.00 | 86 |
| 1950 | 124.00 | 98 | 108 | 22 | 14.14 | 2 |
| 1955 | 308.00 | 239 | 263 | 61 | 14.85 | 4 |
| 1961 | 402.00 | 302 | 332 | 90 | 15.62 | 6 |
| 1986 | 25,607.00 | 15,147 | 16,653 | 10,234 | 18.30 | 559 |
| 1990 | 7,253.00 | 3,968 | 4,363 | 3,253 | 18.67 | 174 |
| 1992 | 1,154.00 | 602 | 662 | 550 | 18.85 | 29 |
| 1993 | 3,623.00 | 1,838 | 2,021 | 1,783 | 18.94 | 94 |
| 1996 | 231.00 | 106 | 117 | 126 | 19.20 | 7 |
| 1997 | 103,038.00 | 45,700 | 50,244 | 57,946 | 19.28 | 3,005 |
| 2000 | 5,261.00 | 2,024 | 2,225 | 3,299 | 19.53 | 169 |
| 2002 | 19,832.00 | 6,721 | 7,389 | 13,434 | 19.68 | 683 |
| 2003 | 5,577.00 | 1,749 | 1,923 | 3,933 | 19.75 | 199 |
| | 179,321.00 | 84,000 | 92,352 | 95,935 | | 5,017 |
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1955 | 47,946.23 | 34,769 | 38,226 | 12,117 | 18.11 | 669 |
| 1961 | 586.00 | 407 | 447 | 168 | 19.49 | 9 |
| 1966 | 566.00 | 377 | 414 | 180 | 20.57 | 9 |
| 1973 | 476.00 | 296 | 325 | 174 | 22.02 | 8 |
| 1992 | 8,361.00 | 3,661 | 4,025 | 4,754 | 25.63 | 185 |
| 1993 | 14,512.00 | 6,153 | 6,765 | 8,473 | 25.81 | 328 |
| 1994 | 29,604.00 | 12,132 | 13,338 | 17,746 | 25.98 | 683 |
| 2001 | 11,124.00 | 3,207 | 3,526 | 8,154 | 27.16 | 300 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2002 | 7,713.00 | 2,062 | 2,267 | 5,832 | 27.32 | 213 |
| 2007 | 51,493.00 | 7,444 | 8,184 | 45,883 | 28.06 | 1,635 |
| 2010 | 16,839.44 | 886 | 974 | 16,707 | 28.44 | 587 |
| | 189,220.67 | 71,394 | 78,493 | 120,189 | | 4,626 |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1941 | 60,276.00 | 47,938 | 52,704 | 10,585 | 14.50 | 730 |
| 1951 | 230.00 | 171 | 188 | 53 | 17.14 | 3 |
| 1952 | 134.00 | 99 | 109 | 32 | 17.38 | 2 |
| 1955 | 321.00 | 233 | 256 | 81 | 18.11 | 4 |
| 1963 | 1,789.00 | 1,221 | 1,342 | 536 | 19.93 | 27 |
| 1966 | 372.00 | 248 | 273 | 118 | 20.57 | 6 |
| 1969 | 221.00 | 143 | 157 | 75 | 21.20 | 4 |
| 1972 | 646.00 | 406 | 446 | 232 | 21.82 | 11 |
| 1973 | 205.00 | 127 | 140 | 76 | 22.02 | 3 |
| 1980 | 777.00 | 440 | 484 | 332 | 23.40 | 14 |
| 1987 | 10,313.00 | 5,145 | 5,657 | 5,172 | 24.72 | 209 |
| 1988 | 731.00 | 357 | 392 | 375 | 24.90 | 15 |
| 1989 | 297,669.82 | 141,668 | 155,754 | 156,799 | 25.09 | 6,249 |
| 1991 | 8,183.00 | 3,691 | 4,058 | 4,534 | 25.45 | 178 |
| 1992 | 266,133.00 | 116,518 | 128,103 | 151,336 | 25.63 | 5,905 |
| 1993 | 21,079.00 | 8,937 | 9,826 | 12,307 | 25.81 | 477 |
| 1994 | 17,949.00 | 7,355 | 8,086 | 10,760 | 25.98 | 414 |
| 2000 | 922,501.00 | 284,350 | 312,623 | 656,003 | 27.00 | 24,296 |
| 2002 | 18,158.00 | 4,854 | 5,337 | 13,729 | 27.32 | 503 |
| 2003 | 120,033.00 | 29,425 | 32,351 | 93,684 | 27.48 | 3,409 |
| 2008 | 4,337.18 | 502 | 552 | 4,002 | 28.19 | 142 |
| | 1,752,058.00 | 653,828 | 718,838 | 1,120,823 | | 42,601 |
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1950 | 350.00 | 263 | 289 | 78 | 16.89 | 5 |
| 1951 | 11,666.00 | 8,694 | 9,558 | 2,691 | 17.14 | 157 |

DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1982 | 650.00 | 357 | 392 | 290 | 23.78 | 12 |
| 1992 | 544.00 | 238 | 262 | 310 | 25.63 | 12 |
| 1996 | 197,296.00 | 74,768 | 82,202 | 124,958 | 26.33 | 4,746 |
| 2003 | 18,740.00 | 4,594 | 5,051 | 14,626 | 27.48 | 532 |
| 2009 | 14,158.23 | 1,206 | 1,326 | 13,540 | 28.32 | 478 |
| | 243,404.23 | 90,120 | 99,081 | 156,493 | | 5,942 |
| | 127,394,705.56 | 42,287,345 | 46,491,942 | 87,272,498 | | 2,563,696 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.0 2.01

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1971 | 581.00 | 356 | 427 | 212 | 22.14 | 10 |
| 1973 | 552.00 | 327 | 392 | 215 | 23.04 | 9 |
| 1974 | 176.00 | 102 | 122 | 71 | 23.50 | 3 |
| 1975 | 114.00 | 65 | 78 | 47 | 23.95 | 2 |
| 1976 | 394.00 | 221 | 265 | 168 | 24.41 | 7 |
| 1977 | 1,756.00 | 966 | 1,159 | 773 | 24.86 | 31 |
| 1978 | 35,252.00 | 19,010 | 22,799 | 15,978 | 25.32 | 631 |
| 1979 | 2,696.00 | 1,425 | 1,709 | 1,257 | 25.78 | 49 |
| 1980 | 9,589.00 | 4,961 | 5,950 | 4,598 | 26.24 | 175 |
| 1981 | 1,928.00 | 976 | 1,171 | 950 | 26.70 | 36 |
| 1982 | 17,391.00 | 8,606 | 10,321 | 8,809 | 27.16 | 324 |
| 1983 | 556.00 | 269 | 323 | 289 | 27.62 | 10 |
| 1984 | 16,593.00 | 7,827 | 9,387 | 8,865 | 28.08 | 316 |
| 1985 | 26,434.00 | 12,158 | 14,581 | 14,496 | 28.54 | 508 |
| 1986 | 32,005.00 | 14,328 | 17,184 | 18,022 | 29.01 | 621 |
| 1987 | 49,461.00 | 21,538 | 25,831 | 28,576 | 29.47 | 970 |
| 1988 | 10,756.00 | 4,547 | 5,453 | 6,378 | 29.94 | 213 |
| 1989 | 124,096.00 | 50,862 | 61,000 | 75,506 | 30.41 | 2,483 |
| 1990 | 71,475.00 | 28,356 | 34,008 | 44,615 | 30.88 | 1,445 |
| 1991 | 19,030.00 | 7,295 | 8,749 | 12,184 | 31.35 | 389 |
| 1992 | 44,983.00 | 16,625 | 19,939 | 29,543 | 31.82 | 928 |
| 1993 | 1,382.00 | 492 | 590 | 930 | 32.29 | 29 |
| 1995 | 11,736.00 | 3,830 | 4,593 | 8,316 | 33.24 | 250 |
| 1996 | 11,190.00 | 3,480 | 4,174 | 8,135 | 33.72 | 241 |
| 1997 | 3,207.00 | 948 | 1,137 | 2,391 | 34.19 | 70 |
| 1998 | 30,726.00 | 8,582 | 10,293 | 23,506 | 34.67 | 678 |
| 1999 | 1,749.00 | 460 | 552 | 1,372 | 35.15 | 39 |
| 2000 | 38,615.00 | 9,480 | 11,370 | 31,107 | 35.64 | 873 |
| 2001 | 56,493.00 | 12,876 | 15,442 | 46,700 | 36.12 | 1,293 |
| 2002 | 69,923.00 | 14,662 | 17,584 | 59,331 | 36.60 | 1,621 |
| 2003 | 15,883.00 | 3,029 | 3,633 | 13,839 | 37.09 | 373 |
| 2007 | 28,493.57 | 3,097 | 3,714 | 27,629 | 39.04 | 708 |
| 2008 | 103,023.76 | 8,878 | 10,648 | 102,679 | 39.53 | 2,597 |
| 2009 | 1,753.29 | 110 | 132 | 1,797 | 40.02 | 45 |
| 2010 | 134,706.83 | 5,154 | 6,181 | 141,996 | 40.52 | 3,504 |
| 2011 | 35,551.19 | 471 | 565 | 38,541 | 41.01 | 940 |
| | 1,010,250.64 | 276,369 | 331,455 | 779,821 | | 22,421 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1969 | 1,603.00 | 1,017 | 1,220 | 544 | 21.11 | 26 |
| 1976 | 126.00 | 71 | 85 | 53 | 24.07 | 2 |
| 1978 | 63,372.00 | 34,523 | 41,404 | 28,305 | 24.92 | 1,136 |
| 1979 | 260,702.00 | 139,282 | 167,044 | 119,728 | 25.34 | 4,725 |
| 1980 | 130,561.00 | 68,362 | 81,988 | 61,629 | 25.76 | 2,392 |
| 1983 | 350.00 | 172 | 206 | 179 | 27.02 | 7 |
| 1984 | 25,970.00 | 12,448 | 14,929 | 13,638 | 27.44 | 497 |
| 1985 | 1,254.00 | 587 | 704 | 675 | 27.86 | 24 |
| 1986 | 314,063.00 | 143,124 | 171,652 | 173,818 | 28.29 | 6,144 |
| 1987 | 239,960.00 | 106,472 | 127,694 | 136,262 | 28.71 | 4,746 |
| 1988 | 194,965.00 | 84,092 | 100,853 | 113,608 | 29.13 | 3,900 |
| 1989 | 70,470.00 | 29,515 | 35,398 | 42,119 | 29.55 | 1,425 |
| 1990 | 153,783.00 | 62,407 | 74,846 | 94,315 | 29.97 | 3,147 |
| 1991 | 21,436,716.00 | 8,412,303 | 10,089,057 | 13,491,331 | 30.40 | 443,794 |
| 1993 | 61,575.00 | 22,471 | 26,950 | 40,783 | 31.24 | 1,305 |
| 1994 | 17,184.00 | 6,020 | 7,220 | 11,682 | 31.67 | 369 |
| 1995 | 6,976.00 | 2,341 | 2,808 | 4,866 | 32.09 | 152 |
| 1996 | 27,623.00 | 8,848 | 10,612 | 19,774 | 32.52 | 608 |
| 1997 | 1,716.00 | 523 | 627 | 1,260 | 32.94 | 38 |
| 1998 | 37,338.00 | 10,763 | 12,908 | 28,164 | 33.37 | 844 |
| 1999 | 25,692.00 | 6,979 | 8,370 | 19,891 | 33.79 | 589 |
| 2000 | 148,808.00 | 37,842 | 45,385 | 118,304 | 34.22 | 3,457 |
| 2001 | 79,381.00 | 18,758 | 22,497 | 64,822 | 34.65 | 1,871 |
| 2002 | 56,249.00 | 12,253 | 14,695 | 47,179 | 35.07 | 1,345 |
| 2003 | 80,743.00 | 16,033 | 19,229 | 69,589 | 35.50 | 1,960 |
| 2004 | 91,500.00 | 16,333 | 19,589 | 81,061 | 35.93 | 2,256 |
| 2005 | 40,744.00 | 6,421 | 7,701 | 37,118 | 36.36 | 1,021 |
| 2006 | 105,077.00 | 14,290 | 17,138 | 98,446 | 36.79 | 2,676 |
| 2007 | 152,923.00 | 17,385 | 20,850 | 147,365 | 37.22 | 3,959 |
| 2008 | 359,342.18 | 32,476 | 38,949 | 356,327 | 37.65 | 9,464 |
| 2009 | 34,607.55 | 2,284 | 2,739 | 35,329 | 38.08 | 928 |
| 2010 | 319,639.95 | 12,928 | 15,505 | 336,099 | 38.51 | 8,728 |
| 2011 | 49,744.26 | 680 | 816 | 53,903 | 38.95 | 1,384 |
| | 24,590,757.94 | 9,340,003 | 11,201,667 | 15,848,167 | | 514,919 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1969 | 506.00 | 332 | 398 | 158 | 19.75 | 8 |
| 1973 | 933,098.00 | 582,558 | 698,674 | 327,733 | 20.96 | 15,636 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 162.00 | 100 | 120 | 58 | 21.26 | 3 |
| 1975 | 79,028.93 | 48,000 | 57,567 | 29,364 | 21.55 | 1,363 |
| 1976 | 11,877.00 | 7,108 | 8,525 | 4,540 | 21.85 | 208 |
| 1977 | 11,775.00 | 6,943 | 8,327 | 4,626 | 22.14 | 209 |
| 1978 | 68,519.00 | 39,788 | 47,719 | 27,652 | 22.42 | 1,233 |
| 1979 | 17,466.00 | 9,980 | 11,969 | 7,243 | 22.71 | 319 |
| 1980 | 15,487.00 | 8,701 | 10,435 | 6,600 | 23.00 | 287 |
| 1981 | 13,614.00 | 7,518 | 9,016 | 5,959 | 23.28 | 256 |
| 1982 | 16,589.00 | 8,996 | 10,789 | 7,459 | 23.56 | 317 |
| 1983 | 3,633.00 | 1,933 | 2,318 | 1,678 | 23.84 | 70 |
| 1984 | 5,340.00 | 2,786 | 3,341 | 2,533 | 24.12 | 105 |
| 1985 | 8,704.00 | 4,449 | 5,336 | 4,239 | 24.39 | 174 |
| 1986 | 21,882.00 | 10,938 | 13,118 | 10,952 | 24.67 | 444 |
| 1987 | 2,546.00 | 1,244 | 1,492 | 1,309 | 24.94 | 52 |
| 1988 | 19,216.00 | 9,161 | 10,987 | 10,151 | 25.22 | 402 |
| 1989 | 209,702.00 | 97,434 | 116,855 | 113,817 | 25.49 | 4,465 |
| 1993 | 80,477.00 | 33,124 | 39,726 | 48,798 | 26.56 | 1,837 |
| 1994 | 25,142.00 | 9,981 | 11,970 | 15,686 | 26.83 | 585 |
| 1995 | 5,641.00 | 2,154 | 2,583 | 3,622 | 27.10 | 134 |
| 1996 | 2,879.00 | 1,055 | 1,265 | 1,902 | 27.36 | 70 |
| 1997 | 21,283.00 | 7,444 | 8,928 | 14,484 | 27.63 | 524 |
| 1998 | 10,173.00 | 3,384 | 4,059 | 7,132 | 27.89 | 256 |
| 1999 | 1,003.00 | 316 | 379 | 724 | 28.15 | 26 |
| 2000 | 31,210.00 | 9,243 | 11,085 | 23,246 | 28.42 | 818 |
| 2001 | 26,502.00 | 7,334 | 8,796 | 20,356 | 28.68 | 710 |
| 2002 | 1,612.00 | 413 | 495 | 1,278 | 28.94 | 44 |
| 2003 | 2,738.00 | 643 | 771 | 2,241 | 29.20 | 77 |
| 2005 | 1,215.00 | 229 | 275 | 1,062 | 29.72 | 36 |
| 2006 | 32,808.00 | 5,379 | 6,451 | 29,638 | 29.97 | 989 |
| 2007 | 74,401.00 | 10,254 | 12,298 | 69,543 | 30.23 | 2,300 |
| 2008 | 66,411.50 | 7,310 | 8,767 | 64,286 | 30.49 | 2,108 |
| 2009 | 7,438.92 | 602 | 722 | 7,461 | 30.74 | 243 |
| 2010 | 4,377.05 | 218 | 261 | 4,553 | 31.00 | 147 |
| 2011 | 487,982.93 | 8,454 | 10,139 | 526,642 | 31.25 | 16,853 |
| | 2,322,439.33 | 955,506 | 1,145,959 | 1,408,724 | | 53,308 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| KEOWEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1971 | 317,370.00 | 203,397 | 243,938 | 105,169 | 20.36 | 5,165 |
| 1979 | 1,796.00 | 1,026 | 1,231 | 745 | 22.71 | 33 |
| 1980 | 632.00 | 355 | 426 | 269 | 23.00 | 12 |
| 1984 | 4,922.00 | 2,568 | 3,080 | 2,334 | 24.12 | 97 |
| 1985 | 214.00 | 109 | 131 | 105 | 24.39 | 4 |
| 1986 | 5,561.00 | 2,780 | 3,334 | 2,783 | 24.67 | 113 |
| 1987 | 1,774.00 | 867 | 1,040 | 912 | 24.94 | 37 |
| 1988 | 1,534.00 | 731 | 877 | 811 | 25.22 | 32 |
| 1989 | 169,564.00 | 78,784 | 94,487 | 92,033 | 25.49 | 3,611 |
| 1993 | 61,767.00 | 25,423 | 30,490 | 37,453 | 26.56 | 1,410 |
| 1994 | 135,280.00 | 53,703 | 64,407 | 84,401 | 26.83 | 3,146 |
| 1997 | 3,461.00 | 1,210 | 1,451 | 2,356 | 27.63 | 85 |
| 2001 | 4,216.00 | 1,167 | 1,400 | 3,238 | 28.68 | 113 |
| 2002 | 609.00 | 156 | 187 | 483 | 28.94 | 17 |
| 2003 | 9,135.00 | 2,146 | 2,574 | 7,475 | 29.20 | 256 |
| 2004 | 3,853.00 | 818 | 981 | 3,257 | 29.46 | 111 |
| 2008 | 10,133.51 | 1,115 | 1,337 | 9,810 | 30.49 | 322 |
| 2011 | 45,627.46 | 790 | 947 | 49,243 | 31.25 | 1,576 |
| | 777,448.97 | 377,145 | 452,318 | 402,876 | | 16,140 |
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1970 | 1,584.00 | 986 | 1,183 | 560 | 21.69 | 26 |
| 1972 | 106.00 | 64 | 77 | 40 | 22.59 | 2 |
| 1973 | 547.00 | 324 | 389 | 213 | 23.04 | 9 |
| 1982 | 707.00 | 350 | 420 | 358 | 27.16 | 13 |
| 1983 | 692.00 | 334 | 401 | 361 | 27.62 | 13 |
| 1985 | 263.00 | 121 | 145 | 144 | 28.54 | 5 |
| 1987 | 4,172.00 | 1,817 | 2,179 | 2,410 | 29.47 | 82 |
| 1988 | 2,109.00 | 892 | 1,070 | 1,250 | 29.94 | 42 |
| 1989 | 63,773.00 | 26,138 | 31,348 | 38,802 | 30.41 | 1,276 |
| 1991 | 19,028.00 | 7,294 | 8,748 | 12,183 | 31.35 | 389 |
| 1992 | 1,626.00 | 601 | 721 | 1,068 | 31.82 | 34 |
| 1993 | 3,236.00 | 1,151 | 1,380 | 2,179 | 32.29 | 67 |
| 1998 | 2,524.00 | 705 | 846 | 1,931 | 34.67 | 56 |
| 1999 | 4,522.00 | 1,188 | 1,425 | 3,549 | 35.15 | 101 |
| 2001 | 7,882.00 | 1,796 | 2,154 | 6,516 | 36.12 | 180 |
| 2002 | 941.00 | 197 | 236 | 799 | 36.60 | 22 |
| 2003 | 3,714.00 | 708 | 849 | 3,236 | 37.09 | 87 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| FISHING CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2004 | 28,088.00 | 4,817 | 5,777 | 25,120 | 37.57 | 669 |
| 2008 | 26,603.73 | 2,293 | 2,750 | 26,514 | 39.53 | 671 |
| 2009 | 42,326.81 | 2,655 | 3,184 | 43,375 | 40.02 | 1,084 |
| 2011 | 1,295.51 | 17 | 20 | 1,405 | 41.01 | 34 |
| | 215,740.05 | 54,448 | 65,301 | 172,013 | | 4,862 |
| CEDAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1978 | 249.00 | 134 | 161 | 113 | 25.32 | 4 |
| 1982 | 662.00 | 328 | 393 | 335 | 27.16 | 12 |
| 1983 | 3,796.00 | 1,835 | 2,201 | 1,975 | 27.62 | 72 |
| 1988 | 814.00 | 344 | 413 | 483 | 29.94 | 16 |
| 1989 | 48,409.00 | 19,841 | 23,796 | 29,454 | 30.41 | 969 |
| 1991 | 20,864.00 | 7,998 | 9,592 | 13,358 | 31.35 | 426 |
| 1993 | 2,990.00 | 1,063 | 1,275 | 2,014 | 32.29 | 62 |
| 1994 | 6,529.00 | 2,226 | 2,670 | 4,512 | 32.77 | 138 |
| 1995 | 384.00 | 125 | 150 | 272 | 33.24 | 8 |
| 1998 | 1,590.00 | 444 | 532 | 1,217 | 34.67 | 35 |
| 2000 | 43,996.00 | 10,801 | 12,954 | 35,442 | 35.64 | 994 |
| 2001 | 592.00 | 135 | 162 | 489 | 36.12 | 14 |
| 2002 | 4,596.00 | 964 | 1,156 | 3,899 | 36.60 | 107 |
| 2003 | 1,286.00 | 245 | 294 | 1,121 | 37.09 | 30 |
| 2008 | 50,721.26 | 4,371 | 5,242 | 50,551 | 39.53 | 1,279 |
| 2009 | 1,836.30 | 115 | 138 | 1,882 | 40.02 | 47 |
| 2010 | 2,733.65 | 105 | 126 | 2,881 | 40.52 | 71 |
| 2011 | 17,378.01 | 230 | 276 | 18,840 | 41.01 | 459 |
| | 209,426.22 | 51,304 | 61,530 | 168,839 | | 4,743 |
| BRIDGEWATER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2006 | 22,698.00 | 2,957 | 3,546 | 21,421 | 38.55 | 556 |
| 2011 | 86,904.27 | 1,152 | 1,382 | 94,213 | 41.01 | 2,297 |
| | 109,602.27 | 4,109 | 4,928 | 115,634 | | 2,853 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GASTON SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1982 | 641.00 | 391 | 469 | 236 | 19.10 | 12 |
| 1983 | 3,015.00 | 1,811 | 2,172 | 1,145 | 19.26 | 59 |
| 1985 | 2,219.00 | 1,290 | 1,547 | 894 | 19.58 | 46 |
| 1986 | 1,648.00 | 941 | 1,129 | 684 | 19.73 | 35 |
| 1987 | 428.00 | 240 | 288 | 183 | 19.89 | 9 |
| 1988 | 862.00 | 473 | 567 | 381 | 20.04 | 19 |
| 1989 | 425.00 | 228 | 273 | 194 | 20.19 | 10 |
| 1991 | 2,181.00 | 1,116 | 1,338 | 1,061 | 20.49 | 52 |
| 1993 | 21,119.00 | 10,223 | 12,261 | 10,970 | 20.79 | 528 |
| 1996 | 9,564.00 | 4,182 | 5,016 | 5,505 | 21.22 | 259 |
| 1997 | 663.00 | 278 | 333 | 396 | 21.37 | 19 |
| 1998 | 493.00 | 198 | 237 | 305 | 21.51 | 14 |
| 2002 | 21,348.00 | 6,770 | 8,119 | 15,363 | 22.07 | 696 |
| 2003 | 2,348.00 | 687 | 824 | 1,759 | 22.21 | 79 |
| 2007 | 30,331.03 | 5,376 | 6,448 | 26,917 | 22.75 | 1,183 |
| 2008 | 27,515.94 | 3,924 | 4,706 | 25,561 | 22.89 | 1,117 |
| 2009 | 626.54 | 66 | 79 | 610 | 23.02 | 26 |
| 2010 | 2,295.75 | 152 | 182 | 2,343 | 23.15 | 101 |
| 2011 | 3,525.55 | 80 | 96 | 3,782 | 23.29 | 162 |
| | 131,248.81 | 38,426 | 46,085 | 98,289 | | 4,426 |
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1973 | 835.00 | 494 | 592 | 326 | 23.04 | 14 |
| 1978 | 2,536.00 | 1,368 | 1,641 | 1,149 | 25.32 | 45 |
| 1984 | 733.00 | 346 | 415 | 391 | 28.08 | 14 |
| 1985 | 2,805.00 | 1,290 | 1,547 | 1,538 | 28.54 | 54 |
| 1987 | 1,040.00 | 453 | 543 | 601 | 29.47 | 20 |
| 1989 | 104,599.00 | 42,871 | 51,416 | 63,643 | 30.41 | 2,093 |
| 1990 | 2,904.00 | 1,152 | 1,382 | 1,813 | 30.88 | 59 |
| 1991 | 23,364.00 | 8,957 | 10,742 | 14,958 | 31.35 | 477 |
| 1993 | 7,072.00 | 2,515 | 3,016 | 4,763 | 32.29 | 148 |
| 1994 | 32,132.00 | 10,956 | 13,140 | 22,205 | 32.77 | 678 |
| 1995 | 9,608.00 | 3,135 | 3,760 | 6,809 | 33.24 | 205 |
| 1997 | 2,433.00 | 719 | 862 | 1,814 | 34.19 | 53 |
| 1998 | 16,245.00 | 4,538 | 5,443 | 12,427 | 34.67 | 358 |
| 1999 | 1,645.00 | 432 | 518 | 1,291 | 35.15 | 37 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LOOKOUT SHOALS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2001 | 8,303.00 | 1,892 | 2,269 | 6,864 | 36.12 | 190 |
| 2007 | 30,390.37 | 3,303 | 3,961 | 29,468 | 39.04 | 755 |
| 2008 | 11,551.29 | 995 | 1,193 | 11,513 | 39.53 | 291 |
| 2009 | 14,580.90 | 915 | 1,097 | 14,942 | 40.02 | 373 |
| 2010 | 18,411.53 | 704 | 844 | 19,408 | 40.52 | 479 |
| 2011 | 21,850.04 | 290 | 348 | 23,687 | 41.01 | 578 |
| | 313,038.13 | 87,325 | 104,731 | 239,611 | | 6,921 |
| MOUNTAIN ISLAND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 308.00 | 179 | 215 | 124 | 23.50 | 5 |
| 1979 | 762.00 | 403 | 483 | 355 | 25.78 | 14 |
| 1981 | 4,562.00 | 2,309 | 2,769 | 2,249 | 26.70 | 84 |
| 1982 | 3,101.00 | 1,535 | 1,841 | 1,570 | 27.16 | 58 |
| 1983 | 1,304.00 | 630 | 756 | 679 | 27.62 | 25 |
| 1984 | 6,749.00 | 3,183 | 3,817 | 3,606 | 28.08 | 128 |
| 1985 | 985.00 | 453 | 543 | 540 | 28.54 | 19 |
| 1986 | 849.00 | 380 | 456 | 478 | 29.01 | 16 |
| 1987 | 111,637.00 | 48,612 | 58,301 | 64,499 | 29.47 | 2,189 |
| 1989 | 3,690.00 | 1,512 | 1,813 | 2,246 | 30.41 | 74 |
| 1991 | 19,028.00 | 7,294 | 8,748 | 12,183 | 31.35 | 389 |
| 1993 | 5,980.00 | 2,127 | 2,551 | 4,027 | 32.29 | 125 |
| 1995 | 959.00 | 313 | 375 | 680 | 33.24 | 20 |
| 1996 | 26,225.00 | 8,155 | 9,780 | 19,067 | 33.72 | 565 |
| 1999 | 1,287.00 | 338 | 405 | 1,010 | 35.15 | 29 |
| 2001 | 2,960.00 | 675 | 810 | 2,446 | 36.12 | 68 |
| 2002 | 6,232.00 | 1,307 | 1,568 | 5,288 | 36.60 | 144 |
| 2006 | 32,743.00 | 4,266 | 5,116 | 30,901 | 38.55 | 802 |
| 2007 | 31,915.75 | 3,469 | 4,160 | 30,947 | 39.04 | 793 |
| 2008 | 17,913.92 | 1,544 | 1,852 | 17,854 | 39.53 | 452 |
| 2009 | 1,836.32 | 115 | 138 | 1,882 | 40.02 | 47 |
| 2010 | 6,815.64 | 261 | 313 | 7,184 | 40.52 | 177 |
| 2011 | 31,708.65 | 420 | 504 | 34,376 | 41.01 | 838 |
| | 319,551.28 | 89,480 | 107,315 | 244,191 | | 7,061 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 99 ISLANDS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2036 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1978 | 248.00 | 160 | 192 | 81 | 18.45 | 4 |
| 1979 | 1,492.00 | 949 | 1,138 | 503 | 18.62 | 27 |
| 1980 | 1,459.00 | 916 | 1,099 | 506 | 18.78 | 27 |
| 1982 | 1,277.00 | 779 | 934 | 470 | 19.10 | 25 |
| 1983 | 998.00 | 600 | 720 | 378 | 19.26 | 20 |
| 1984 | 414.00 | 245 | 294 | 162 | 19.42 | 8 |
| 1986 | 2,883.00 | 1,646 | 1,974 | 1,197 | 19.73 | 61 |
| 1987 | 1,426.00 | 798 | 957 | 612 | 19.89 | 31 |
| 1989 | 289.00 | 155 | 186 | 132 | 20.19 | 7 |
| 1990 | 10,977.00 | 5,760 | 6,908 | 5,167 | 20.34 | 254 |
| 1991 | 2,181.00 | 1,116 | 1,338 | 1,061 | 20.49 | 52 |
| 1992 | 20,654.00 | 10,291 | 12,342 | 10,377 | 20.64 | 503 |
| 1993 | 1,886.00 | 913 | 1,095 | 980 | 20.79 | 47 |
| 1994 | 1,976.00 | 928 | 1,113 | 1,061 | 20.93 | 51 |
| 1995 | 16,363.00 | 7,421 | 8,900 | 9,099 | 21.08 | 432 |
| 1996 | 96,487.00 | 42,189 | 50,598 | 55,538 | 21.22 | 2,617 |
| 1997 | 1,740.00 | 730 | 876 | 1,038 | 21.37 | 49 |
| 1998 | 1,590.00 | 639 | 766 | 983 | 21.51 | 46 |
| 2002 | 17,760.00 | 5,632 | 6,755 | 12,781 | 22.07 | 579 |
| 2007 | 23,526.70 | 4,170 | 5,001 | 20,878 | 22.75 | 918 |
| 2008 | 64,230.00 | 9,161 | 10,987 | 59,666 | 22.89 | 2,607 |
| 2009 | 1,836.32 | 194 | 233 | 1,787 | 23.02 | 78 |
| 2011 | 17,808.30 | 404 | 485 | 19,105 | 23.29 | 820 |
| | 289,501.32 | 95,796 | 114,890 | 203,561 | | 9,263 |
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1969 | 245.00 | 155 | 186 | 84 | 21.25 | 4 |
| 1970 | 1,585.00 | 987 | 1,184 | 560 | 21.69 | 26 |
| 1972 | 35.00 | 21 | 25 | 13 | 22.59 | 1 |
| 1977 | 1,279.00 | 704 | 844 | 563 | 24.86 | 23 |
| 1979 | 307.00 | 162 | 194 | 143 | 25.78 | 6 |
| 1984 | 488.00 | 230 | 276 | 261 | 28.08 | 9 |
| 1986 | 434.00 | 194 | 233 | 245 | 29.01 | 8 |
| 1987 | 82,181.00 | 35,785 | 42,918 | 47,481 | 29.47 | 1,611 |
| 1990 | 6,053.00 | 2,401 | 2,880 | 3,779 | 30.88 | 122 |
| 1991 | 19,028.00 | 7,294 | 8,748 | 12,183 | 31.35 | 389 |
| 1993 | 8,135.00 | 2,893 | 3,470 | 5,479 | 32.29 | 170 |
| 1994 | 430.00 | 147 | 176 | 297 | 32.77 | 9 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| OXFORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1995 | 959.00 | 313 | 375 | 680 | 33.24 | 20 |
| 1996 | 42,575.00 | 13,240 | 15,879 | 30,953 | 33.72 | 918 |
| 1997 | 26,927.00 | 7,958 | 9,544 | 20,075 | 34.19 | 587 |
| 1998 | 16,245.00 | 4,538 | 5,443 | 12,427 | 34.67 | 358 |
| 1999 | 2,377.00 | 625 | 750 | 1,865 | 35.15 | 53 |
| 2000 | 12,054.00 | 2,959 | 3,549 | 9,711 | 35.64 | 272 |
| 2001 | 5,351.00 | 1,220 | 1,463 | 4,423 | 36.12 | 122 |
| 2002 | 4,909.00 | 1,029 | 1,234 | 4,166 | 36.60 | 114 |
| 2003 | 509.00 | 97 | 116 | 444 | 37.09 | 12 |
| 2008 | 53,744.52 | 4,631 | 5,554 | 53,565 | 39.53 | 1,355 |
| 2009 | 1,836.32 | 115 | 138 | 1,882 | 40.02 | 47 |
| 2010 | 1,714.73 | 66 | 79 | 1,807 | 40.52 | 45 |
| 2011 | 19,035.43 | 252 | 302 | 20,637 | 41.01 | 503 |
| | 308,437.00 | 88,016 | 105,560 | 233,721 | | 6,784 |
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1970 | 1,585.00 | 987 | 1,184 | 560 | 21.69 | 26 |
| 1972 | 35.00 | 21 | 25 | 13 | 22.59 | 1 |
| 1978 | 144.00 | 78 | 94 | 65 | 25.32 | 3 |
| 1982 | 1,081.00 | 535 | 642 | 547 | 27.16 | 20 |
| 1985 | 2,476.00 | 1,139 | 1,366 | 1,358 | 28.54 | 48 |
| 1986 | 8,949.00 | 4,006 | 4,804 | 5,039 | 29.01 | 174 |
| 1987 | 4,815.00 | 2,097 | 2,515 | 2,782 | 29.47 | 94 |
| 1988 | 1,062.00 | 449 | 538 | 630 | 29.94 | 21 |
| 1989 | 97,322.00 | 39,888 | 47,838 | 59,216 | 30.41 | 1,947 |
| 1991 | 3,017.00 | 1,157 | 1,388 | 1,931 | 31.35 | 62 |
| 1992 | 59,762.00 | 22,087 | 26,489 | 39,249 | 31.82 | 1,233 |
| 1993 | 4,961.00 | 1,764 | 2,116 | 3,342 | 32.29 | 103 |
| 1994 | 299.00 | 102 | 122 | 207 | 32.77 | 6 |
| 1995 | 1,151.00 | 376 | 451 | 815 | 33.24 | 25 |
| 1996 | 39,531.00 | 12,293 | 14,743 | 28,741 | 33.72 | 852 |
| 2000 | 477.00 | 117 | 140 | 384 | 35.64 | 11 |
| 2001 | 776.00 | 177 | 212 | 641 | 36.12 | 18 |
| 2003 | 1,223.00 | 233 | 279 | 1,066 | 37.09 | 29 |
| 2005 | 24,644.00 | 3,729 | 4,472 | 22,636 | 38.06 | 595 |
| 2007 | 29,564.97 | 3,213 | 3,853 | 28,668 | 39.04 | 734 |
| 2008 | 15,923.91 | 1,372 | 1,645 | 15,871 | 39.53 | 401 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RHODHISS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 1,836.32 | 115 | 138 | 1,882 | 40.02 | 47 |
| 2010 | 214,461.24 | 8,205 | 9,840 | 226,067 | 40.52 | 5,579 |
| 2011 | 22,301.92 | 296 | 355 | 24,177 | 41.01 | 590 |
| | 537,398.36 | 104,436 | 125,252 | 465,886 | | 12,619 |
| TUXEDO | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1984 | 4,322.00 | 2,384 | 2,859 | 1,895 | 22.00 | 86 |
| 1985 | 1,035.00 | 560 | 672 | 467 | 22.22 | 21 |
| 1986 | 1,917.00 | 1,017 | 1,220 | 889 | 22.43 | 40 |
| 1987 | 9,235.00 | 4,796 | 5,752 | 4,407 | 22.64 | 195 |
| 1988 | 9,837.00 | 4,995 | 5,991 | 4,830 | 22.85 | 211 |
| 1989 | 51,205.00 | 25,385 | 30,445 | 25,881 | 23.06 | 1,122 |
| 1993 | 22,569.00 | 9,991 | 11,982 | 12,844 | 23.89 | 538 |
| 1998 | 587.00 | 213 | 255 | 390 | 24.90 | 16 |
| 2000 | 0.26 | | 0 | | | |
| 2001 | 4,165.00 | 1,264 | 1,516 | 3,066 | 25.50 | 120 |
| 2002 | 630.00 | 178 | 213 | 480 | 25.70 | 19 |
| 2003 | 150.00 | 39 | 47 | 118 | 25.89 | 5 |
| 2007 | 34,207.21 | 5,266 | 6,315 | 31,313 | 26.67 | 1,174 |
| 2008 | 8,682.79 | 1,073 | 1,287 | 8,264 | 26.86 | 308 |
| 2009 | 1,836.32 | 167 | 200 | 1,820 | 27.05 | 67 |
| 2010 | 1,120.94 | 64 | 77 | 1,156 | 27.24 | 42 |
| | 151,499.52 | 57,392 | 68,831 | 97,818 | | 3,964 |
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1977 | 665.00 | 366 | 439 | 293 | 24.86 | 12 |
| 1978 | 491.00 | 265 | 318 | 222 | 25.32 | 9 |
| 1982 | 917.00 | 454 | 544 | 464 | 27.16 | 17 |
| 1983 | 173.00 | 84 | 101 | 90 | 27.62 | 3 |
| 1985 | 1,921.00 | 884 | 1,060 | 1,053 | 28.54 | 37 |
| 1987 | 659.00 | 287 | 344 | 381 | 29.47 | 13 |
| 1988 | 530.00 | 224 | 269 | 314 | 29.94 | 10 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WATEREE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1989 | 51,437.00 | 21,082 | 25,284 | 31,297 | 30.41 | 1,029 |
| 1990 | 777.00 | 308 | 369 | 485 | 30.88 | 16 |
| 1991 | 21,065.00 | 8,075 | 9,685 | 13,487 | 31.35 | 430 |
| 1993 | 4,196.00 | 1,492 | 1,789 | 2,826 | 32.29 | 88 |
| 1995 | 4,873.00 | 1,590 | 1,907 | 3,453 | 33.24 | 104 |
| 1996 | 5,037.00 | 1,566 | 1,878 | 3,663 | 33.72 | 109 |
| 1997 | 57,706.00 | 17,054 | 20,453 | 43,023 | 34.19 | 1,258 |
| 1998 | 15,234.00 | 4,255 | 5,103 | 11,654 | 34.67 | 336 |
| 1999 | 6,750.00 | 1,773 | 2,126 | 5,299 | 35.15 | 151 |
| 2000 | 1,857.00 | 456 | 547 | 1,496 | 35.64 | 42 |
| 2001 | 6,918.00 | 1,577 | 1,891 | 5,718 | 36.12 | 158 |
| 2002 | 16,157.00 | 3,388 | 4,063 | 13,709 | 36.60 | 375 |
| 2003 | 2,939.00 | 561 | 673 | 2,560 | 37.09 | 69 |
| 2007 | 25,167.65 | 2,735 | 3,280 | 24,404 | 39.04 | 625 |
| 2008 | 57,967.99 | 4,995 | 5,991 | 57,774 | 39.53 | 1,462 |
| 2009 | 4,252.55 | 267 | 320 | 4,358 | 40.02 | 109 |
| 2010 | 871.20 | 33 | 40 | 919 | 40.52 | 23 |
| 2011 | 10,222.43 | 135 | 162 | 11,083 | 41.01 | 270 |
| | 298,783.82 | 73,906 | 88,637 | 240,025 | | 6,755 |
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 187.00 | 109 | 131 | 75 | 23.50 | 3 |
| 1979 | 1,741.00 | 920 | 1,103 | 812 | 25.78 | 31 |
| 1982 | 269.00 | 133 | 160 | 136 | 27.16 | 5 |
| 1985 | 1,328.00 | 611 | 733 | 728 | 28.54 | 26 |
| 1986 | 3,352.00 | 1,501 | 1,800 | 1,887 | 29.01 | 65 |
| 1987 | 6,011.00 | 2,617 | 3,139 | 3,473 | 29.47 | 118 |
| 1988 | 1,268.00 | 536 | 643 | 752 | 29.94 | 25 |
| 1989 | 104,255.00 | 42,730 | 51,247 | 63,433 | 30.41 | 2,086 |
| 1991 | 9,514.00 | 3,647 | 4,374 | 6,091 | 31.35 | 194 |
| 1993 | 3,848.00 | 1,369 | 1,642 | 2,591 | 32.29 | 80 |
| 1995 | 866.00 | 283 | 339 | 613 | 33.24 | 18 |
| 1996 | 2,568.00 | 799 | 958 | 1,867 | 33.72 | 55 |
| 1997 | 1,494.00 | 442 | 530 | 1,113 | 34.19 | 33 |
| 1998 | 11,590.00 | 3,237 | 3,882 | 8,867 | 34.67 | 256 |
| 1999 | 346.00 | 91 | 109 | 271 | 35.15 | 8 |
| 2001 | 1,421.00 | 324 | 389 | 1,175 | 36.12 | 33 |
| 2002 | 5,016.00 | 1,052 | 1,262 | 4,256 | 36.60 | 116 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| WYLIE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2003 | 568.00 | 108 | 130 | 495 | 37.09 | 13 |
| 2006 | 58,901.00 | 7,675 | 9,205 | 55,586 | 38.55 | 1,442 |
| 2007 | 6,471.09 | 703 | 843 | 6,275 | 39.04 | 161 |
| 2008 | 54,691.51 | 4,713 | 5,652 | 54,508 | 39.53 | 1,379 |
| 2009 | 3,081.36 | 193 | 231 | 3,158 | 40.02 | 79 |
| 2010 | 2,353.49 | 90 | 108 | 2,481 | 40.52 | 61 |
| 2011 | 37,849.11 | 502 | 602 | 41,032 | 41.01 | 1,001 |
| | 318,989.56 | 74,385 | 89,212 | 261,677 | | 7,288 |
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 1,035.00 | 602 | 722 | 417 | 23.50 | 18 |
| 1976 | 427.00 | 239 | 287 | 183 | 24.41 | 7 |
| 1977 | 1,216.00 | 669 | 802 | 535 | 24.86 | 22 |
| 1978 | 15,877.00 | 8,562 | 10,269 | 7,196 | 25.32 | 284 |
| 1979 | 2,338.00 | 1,235 | 1,481 | 1,091 | 25.78 | 42 |
| 1980 | 467.00 | 242 | 290 | 223 | 26.24 | 8 |
| 1981 | 4,848.00 | 2,454 | 2,943 | 2,390 | 26.70 | 90 |
| 1984 | 8,153.00 | 3,846 | 4,613 | 4,356 | 28.08 | 155 |
| 1986 | 8,257.00 | 3,697 | 4,434 | 4,649 | 29.01 | 160 |
| 1987 | 6,491.00 | 2,826 | 3,389 | 3,751 | 29.47 | 127 |
| 1988 | 32,278.00 | 13,646 | 16,366 | 19,140 | 29.94 | 639 |
| 1989 | 33,620.00 | 13,779 | 16,525 | 20,457 | 30.41 | 673 |
| 1990 | 22,794.00 | 9,043 | 10,845 | 14,228 | 30.88 | 461 |
| 1991 | 17,187.00 | 6,589 | 7,902 | 11,003 | 31.35 | 351 |
| 1992 | 1,683.00 | 622 | 746 | 1,105 | 31.82 | 35 |
| 1993 | 55,714.00 | 19,816 | 23,766 | 37,520 | 32.29 | 1,162 |
| 1994 | 19,252.00 | 6,564 | 7,872 | 13,305 | 32.77 | 406 |
| 1995 | 23,287.00 | 7,599 | 9,114 | 16,502 | 33.24 | 496 |
| 1996 | 6,688.00 | 2,080 | 2,495 | 4,862 | 33.72 | 144 |
| 1997 | 15,148.00 | 4,477 | 5,369 | 11,293 | 34.19 | 330 |
| 2000 | 25,271.00 | 6,204 | 7,441 | 20,358 | 35.64 | 571 |
| 2001 | 8,948.00 | 2,039 | 2,445 | 7,397 | 36.12 | 205 |
| 2002 | 380.00 | 80 | 96 | 322 | 36.60 | 9 |
| 2003 | 636.00 | 121 | 145 | 554 | 37.09 | 15 |
| 2008 | 67,209.22 | 5,792 | 6,946 | 66,984 | 39.53 | 1,695 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| GREAT FALLS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 2,883.33 | 181 | 217 | 2,955 | 40.02 | 74 |
| 2010 | 502.56 | 19 | 23 | 530 | 40.52 | 13 |
| 2011 | 108.52 | 1 | 1 | 118 | 41.01 | 3 |
| | 382,698.63 | 123,024 | 147,545 | 273,423 | | 8,195 |
| ROCKY CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1982 | 926.00 | 458 | 549 | 469 | 27.16 | 17 |
| 1983 | 670.00 | 324 | 389 | 348 | 27.62 | 13 |
| 1985 | 1,850.00 | 851 | 1,021 | 1,014 | 28.54 | 36 |
| 1987 | 433.00 | 189 | 227 | 250 | 29.47 | 8 |
| 1989 | 47,697.00 | 19,549 | 23,446 | 29,021 | 30.41 | 954 |
| 1995 | 26,203.00 | 8,551 | 10,255 | 18,568 | 33.24 | 559 |
| 1996 | 209.00 | 65 | 78 | 152 | 33.72 | 5 |
| 1997 | 191.00 | 56 | 67 | 143 | 34.19 | 4 |
| 1998 | 658.00 | 184 | 221 | 503 | 34.67 | 15 |
| 1999 | 0.01 | | 0 | | | |
| 2000 | 53,078.00 | 13,031 | 15,628 | 42,757 | 35.64 | 1,200 |
| 2003 | 390.00 | 74 | 89 | 340 | 37.09 | 9 |
| 2008 | 38,743.68 | 3,339 | 4,005 | 38,613 | 39.53 | 977 |
| | 171,048.69 | 46,671 | 55,974 | 132,180 | | 3,797 |
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 5,749.00 | 3,343 | 4,009 | 2,315 | 23.50 | 99 |
| 1977 | 452.00 | 249 | 299 | 199 | 24.86 | 8 |
| 1978 | 298.00 | 161 | 193 | 135 | 25.32 | 5 |
| 1980 | 1,740.00 | 900 | 1,079 | 835 | 26.24 | 32 |
| 1982 | 1,358.00 | 672 | 806 | 688 | 27.16 | 25 |
| 1983 | 692.00 | 334 | 401 | 361 | 27.62 | 13 |
| 1989 | 51,968.00 | 21,300 | 25,546 | 31,619 | 30.41 | 1,040 |
| 1990 | 17,444.00 | 6,920 | 8,299 | 10,889 | 30.88 | 353 |
| 1991 | 19,028.00 | 7,294 | 8,748 | 12,183 | 31.35 | 389 |
| 1995 | 45,371.00 | 14,806 | 17,757 | 32,151 | 33.24 | 967 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1996 | 5,650.00 | 1,757 | 2,107 | 4,108 | 33.72 | 122 |
| 1997 | 1,084.00 | 320 | 384 | 809 | 34.19 | 24 |
| 1998 | 354.00 | 99 | 119 | 271 | 34.67 | 8 |
| 2000 | 11,622.00 | 2,853 | 3,422 | 9,363 | 35.64 | 263 |
| 2008 | 15,741.12 | 1,356 | 1,626 | 15,689 | 39.53 | 397 |
| 2011 | 28,133.01 | 373 | 447 | 30,499 | 41.01 | 744 |
| | 206,684.13 | 62,737 | 75,242 | 152,111 | | 4,489 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1954 | 19,302.00 | 15,078 | 18,084 | 3,149 | 14.44 | 218 |
| 2001 | 22,634.00 | 6,871 | 8,241 | 16,657 | 25.50 | 653 |
| 2002 | 1,835.00 | 517 | 620 | 1,398 | 25.70 | 54 |
| 2008 | 41,296.85 | 5,104 | 6,121 | 39,305 | 26.86 | 1,463 |
| 2011 | 45,054.21 | 870 | 1,043 | 48,516 | 27.43 | 1,769 |
| | 130,122.06 | 28,440 | 34,109 | 109,025 | | 4,157 |
| NPL BRYSON | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1942 | 951.00 | 827 | 992 | 54 | 10.45 | 5 |
| 1948 | 565.00 | 466 | 559 | 63 | 12.52 | 5 |
| 1951 | 327.00 | 262 | 314 | 45 | 13.50 | 3 |
| 1993 | 265.00 | 117 | 140 | 151 | 23.89 | 6 |
| 1994 | 4,867.00 | 2,082 | 2,497 | 2,857 | 24.10 | 119 |
| 2008 | 19,185.82 | 2,371 | 2,844 | 18,261 | 26.86 | 680 |
| 2010 | 18,689.24 | 1,059 | 1,270 | 19,288 | 27.24 | 708 |
| 2011 | 9,583.83 | 185 | 222 | 10,320 | 27.43 | 376 |
| | 54,433.89 | 7,369 | 8,838 | 51,039 | | 1,902 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1952 | 14,006.00 | 11,139 | 13,359 | 2,048 | 13.82 | 148 |
| 1953 | 203.00 | 160 | 192 | 31 | 14.13 | 2 |
| 1957 | 171.00 | 130 | 156 | 32 | 15.34 | 2 |
| 1958 | 288.00 | 217 | 260 | 57 | 15.62 | 4 |
| 1964 | 548.00 | 390 | 468 | 135 | 17.28 | 8 |
| 1974 | 272.00 | 174 | 209 | 91 | 19.76 | 5 |
| 2001 | 20,938.00 | 6,356 | 7,623 | 15,409 | 25.50 | 604 |
| 2002 | 1,835.00 | 517 | 620 | 1,398 | 25.70 | 54 |
| 2008 | 14,085.54 | 1,741 | 2,088 | 13,406 | 26.86 | 499 |
| 2011 | 44,127.90 | 852 | 1,022 | 47,519 | 27.43 | 1,732 |
| | 96,474.44 | 21,676 | 25,996 | 80,126 | | 3,058 |
| NPL FRANKLIN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1933 | 732.00 | 687 | 805 | | | |
| 1941 | 97.00 | 85 | 102 | 5 | 10.10 | |
| 1943 | 401.00 | 346 | 415 | 26 | 10.80 | 2 |
| 1954 | 155.00 | 121 | 145 | 25 | 14.44 | 2 |
| 1957 | 99.00 | 75 | 90 | 19 | 15.34 | 1 |
| 1966 | 45.00 | 31 | 37 | 12 | 17.80 | 1 |
| 1985 | 72.00 | 39 | 47 | 32 | 22.22 | 1 |
| 1989 | 107.00 | 53 | 64 | 54 | 23.06 | 2 |
| 1993 | 265.00 | 117 | 140 | 151 | 23.89 | 6 |
| 1994 | 4,515.00 | 1,932 | 2,319 | 2,647 | 24.10 | 110 |
| 2001 | 6,645.00 | 2,017 | 2,421 | 4,888 | 25.50 | 192 |
| 2002 | 40,262.00 | 11,354 | 13,630 | 30,659 | 25.70 | 1,193 |
| 2010 | 16,908.70 | 958 | 1,150 | 17,450 | 27.24 | 641 |
| | 70,303.70 | 17,815 | 21,366 | 55,968 | | 2,151 |
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1929 | 1,239.00 | 1,200 | 1,363 | | | |
| 1930 | 211.00 | 203 | 232 | | | |
| 1931 | 63.00 | 60 | 69 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL MISSION | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1944 | 752.00 | 643 | 791 | 36 | 11.15 | 3 |
| 1967 | 43.00 | 30 | 37 | 10 | 18.05 | 1 |
| 1977 | 159.00 | 98 | 121 | 54 | 20.45 | 3 |
| 1993 | 265.00 | 117 | 144 | 148 | 23.89 | 6 |
| 1994 | 4,824.00 | 2,064 | 2,539 | 2,768 | 24.10 | 115 |
| | 7,556.00 | 4,415 | 5,295 | 3,017 | | 128 |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1942 | 56,487.00 | 49,149 | 58,946 | 3,190 | 10.45 | 305 |
| 1946 | 43.00 | 36 | 43 | 4 | 11.87 | |
| 1947 | 723.00 | 601 | 721 | 75 | 12.22 | 6 |
| 1951 | 65.00 | 52 | 62 | 9 | 13.57 | 1 |
| 1961 | 149.00 | 109 | 131 | 33 | 16.65 | 2 |
| 1973 | 58.00 | 37 | 44 | 19 | 19.85 | 1 |
| 1989 | 2,630.00 | 1,286 | 1,542 | 1,351 | 23.58 | 57 |
| 1990 | 6,681.00 | 3,181 | 3,815 | 3,534 | 23.81 | 148 |
| 1992 | 16,661.00 | 7,497 | 8,991 | 9,336 | 24.24 | 385 |
| 1993 | 6,809.00 | 2,967 | 3,558 | 3,932 | 24.46 | 161 |
| 2000 | 31,941.00 | 10,153 | 12,177 | 22,958 | 25.96 | 884 |
| 2001 | 85,293.00 | 25,371 | 30,428 | 63,394 | 26.17 | 2,422 |
| 2002 | 56,208.00 | 15,518 | 18,611 | 43,218 | 26.38 | 1,638 |
| 2003 | 14,091.00 | 3,579 | 4,292 | 11,208 | 26.58 | 422 |
| 2006 | 11,039.00 | 1,971 | 2,364 | 9,779 | 27.20 | 360 |
| 2007 | 30,587.00 | 4,599 | 5,516 | 28,130 | 27.41 | 1,026 |
| 2008 | 111,450.37 | 13,441 | 16,120 | 106,475 | 27.61 | 3,856 |
| 2009 | 11,885.45 | 1,058 | 1,269 | 11,805 | 27.81 | 424 |
| 2010 | 34,132.25 | 1,872 | 2,245 | 35,300 | 28.02 | 1,260 |
| 2011 | 53,915.56 | 1,033 | 1,239 | 58,068 | 28.22 | 2,058 |
| | 530,848.63 | 143,510 | 172,115 | 411,818 | | 15,416 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2000 | 84,308.00 | 33,869 | 40,620 | 52,119 | 18.72 | 2,784 |
| 2002 | 100,357.00 | 35,625 | 42,726 | 67,667 | 18.91 | 3,578 |
| 2011 | 17,001.98 | 461 | 553 | 18,149 | 19.77 | 918 |
| | 201,666.98 | 69,955 | 83,898 | 137,936 | | 7,280 |
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1954 | 779.00 | 609 | 730 | 127 | 14.44 | 9 |
| 1955 | 16,814.00 | 13,019 | 15,614 | 2,881 | 14.74 | 195 |
| 1957 | 294.00 | 224 | 269 | 55 | 15.34 | 4 |
| 1993 | 265.00 | 117 | 140 | 151 | 23.89 | 6 |
| 2001 | 842.00 | 256 | 307 | 619 | 25.50 | 24 |
| 2002 | 42,099.00 | 11,872 | 14,238 | 32,071 | 25.70 | 1,248 |
| 2007 | 3,262.06 | 502 | 602 | 2,986 | 26.67 | 112 |
| 2008 | 5,408.49 | 668 | 801 | 5,148 | 26.86 | 192 |
| | 69,763.55 | 27,267 | 32,702 | 44,038 | | 1,790 |
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1941 | 42,489.00 | 37,297 | 44,731 | 2,007 | 10.10 | 199 |
| 1942 | 341.00 | 297 | 356 | 19 | 10.45 | 2 |
| 1951 | 64.00 | 51 | 61 | 9 | 13.50 | 1 |
| 1980 | 1,420.00 | 838 | 1,005 | 557 | 21.13 | 26 |
| 1985 | 1,853.00 | 1,003 | 1,203 | 835 | 22.22 | 38 |
| 1989 | 172.00 | 85 | 102 | 87 | 23.06 | 4 |
| 1992 | 2,411.00 | 1,101 | 1,320 | 1,332 | 23.69 | 56 |
| 1993 | 5,928.00 | 2,624 | 3,147 | 3,374 | 23.89 | 141 |
| 2000 | 9,983.00 | 3,236 | 3,881 | 7,100 | 25.30 | 281 |
| 2001 | 2,745.00 | 833 | 999 | 2,020 | 25.50 | 79 |
| 2002 | 5,052.00 | 1,425 | 1,709 | 3,848 | 25.70 | 150 |
| 2003 | 5,961.00 | 1,546 | 1,854 | 4,703 | 25.89 | 182 |
| 2006 | 11,121.00 | 2,034 | 2,439 | 9,794 | 26.47 | 370 |
| 2008 | 47,200.12 | 5,834 | 6,997 | 44,923 | 26.86 | 1,672 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 2,888.77 | 263 | 315 | 2,862 | 27.05 | 106 |
| 2010 | 11,255.38 | 638 | 765 | 11,616 | 27.24 | 426 |
| 2011 | 49,984.29 | 965 | 1,157 | 53,825 | 27.43 | 1,962 |
| | 200,868.56 | 60,070 | 72,043 | 148,912 | | 5,695 |
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1950 | 8,942.00 | 7,240 | 8,683 | 1,153 | 13.18 | 87 |
| 1951 | 295.00 | 237 | 284 | 40 | 13.50 | 3 |
| 1969 | 555.00 | 376 | 451 | 160 | 18.55 | 9 |
| 1990 | 1,367.00 | 661 | 793 | 711 | 23.27 | 31 |
| 1993 | 342.00 | 151 | 181 | 195 | 23.89 | 8 |
| 2000 | 4,090.00 | 1,326 | 1,590 | 2,909 | 25.30 | 115 |
| 2002 | 93.00 | 26 | 31 | 71 | 25.70 | 3 |
| 2008 | 20,581.85 | 2,544 | 3,051 | 19,589 | 26.86 | 729 |
| 2011 | 31,147.74 | 601 | 721 | 33,542 | 27.43 | 1,223 |
| | 67,413.59 | 13,162 | 15,785 | 58,370 | | 2,208 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1974 | 30,481.00 | 19,338 | 23,193 | 10,337 | 20.10 | 514 |
| 1975 | 1,622.00 | 1,016 | 1,219 | 566 | 20.34 | 28 |
| 1976 | 9,109.00 | 5,631 | 6,753 | 3,267 | 20.59 | 159 |
| 1977 | 7,420.00 | 4,525 | 5,427 | 2,735 | 20.83 | 131 |
| 1978 | 1,685.00 | 1,013 | 1,215 | 639 | 21.07 | 30 |
| 1979 | 2,024.00 | 1,199 | 1,438 | 788 | 21.30 | 37 |
| 1982 | 7,235.00 | 4,087 | 4,902 | 3,057 | 22.00 | 139 |
| 1983 | 1,104.00 | 613 | 735 | 479 | 22.23 | 22 |
| 1985 | 13,833.00 | 7,393 | 8,867 | 6,350 | 22.69 | 280 |
| 1986 | 10,669.00 | 5,585 | 6,698 | 5,038 | 22.92 | 220 |
| 1998 | 19,275.00 | 6,856 | 8,223 | 12,980 | 25.53 | 508 |
| 1999 | 465.00 | 157 | 188 | 323 | 25.75 | 13 |
| 2002 | 284,671.00 | 78,595 | 94,261 | 218,877 | 26.38 | 8,297 |

DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2007 | 25,170.49 | 3,785 | 4,539 | 23,148 | 27.41 | 845 |
| 2008 | 394,538.97 | 47,583 | 57,067 | 376,925 | 27.61 | 13,652 |
| 2009 | 365,190.78 | 32,522 | 39,004 | 362,705 | 27.81 | 13,042 |
| | 1,174,493.24 | 219,898 | 263,729 | 1,028,214 | | 37,917 |
| | 35,268,489.31 | 12,614,055 | 15,128,308 | 23,667,030 | | 782,510 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.2 2.22

DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| COWANS FORD | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1963 | 682,244.00 | 399,829 | 541,795 | 140,449 | 32.88 | 4,272 |
| | 682,244.00 | 399,829 | 541,795 | 140,449 | | 4,272 |
| BAD CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2058 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1991 | 17,869,699.00 | 5,653,794 | 7,681,119 | 10,188,580 | 44.12 | 230,929 |
| | 17,869,699.00 | 5,653,794 | 7,681,119 | 10,188,580 | | 230,929 |
| JOCASSEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1973 | 414,590.00 | 227,162 | 307,820 | 106,770 | 31.23 | 3,419 |
| 1975 | 918.00 | 488 | 661 | 257 | 31.65 | 8 |
| | 415,508.00 | 227,650 | 308,481 | 107,027 | | 3,427 |
| DEARBORN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2062 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1988 | 633,636.00 | 212,148 | 287,475 | 346,161 | 46.41 | 7,459 |
| | 633,636.00 | 212,148 | 287,475 | 346,161 | | 7,459 |
| NPL BEAR CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1954 | 45,569.00 | 32,161 | 43,580 | 1,989 | 22.58 | 88 |
| 1955 | 7,207.00 | 5,040 | 6,830 | 377 | 22.96 | 16 |
| | 52,776.00 | 37,201 | 50,410 | 2,366 | | 104 |

DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL CEDAR CLIFF | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1952 | 26,361.00 | 18,949 | 25,677 | 684 | 21.77 | 31 |
| 1970 | 2,444.00 | 1,470 | 1,992 | 452 | 26.94 | 17 |
| 1977 | 4,658.00 | 2,560 | 3,469 | 1,189 | 27.96 | 43 |
| 1995 | 96,275.00 | 34,712 | 47,037 | 49,238 | 29.21 | 1,686 |
| | 129,738.00 | 57,691 | 78,175 | 51,563 | | 1,777 |
| NPL NANTAHALA | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1942 | 93,152.47 | 73,170 | 93,152 | | | |
| 1955 | 2,981.00 | 2,073 | 2,981 | | | |
| 1975 | 77,811.00 | 43,426 | 63,774 | 14,037 | 28.52 | 492 |
| 1990 | 8,497.00 | 3,544 | 5,205 | 3,292 | 29.95 | 110 |
| 2009 | 57,529.81 | 4,367 | 6,413 | 51,117 | 30.44 | 1,679 |
| | 239,971.28 | 126,580 | 171,525 | 68,446 | | 2,281 |
| NPL QUEENS CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2032 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1949 | 2,830.00 | 2,200 | 2,830 | | | |
| | 2,830.00 | 2,200 | 2,830 | | | |
| NPL TENNESSEE CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1955 | 72,465.00 | 50,676 | 68,717 | 3,748 | 22.96 | 163 |
| 1956 | 125.00 | 87 | 118 | 7 | 23.33 | |
| | 72,590.00 | 50,763 | 68,835 | 3,755 | | 163 |

DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| NPL THORPE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1941 | 29,471.00 | 23,394 | 29,471 | | | |
| 2000 | 16,553.00 | 4,659 | 8,569 | 7,984 | 29.33 | 272 |
| | 46,024.00 | 28,053 | 38,040 | 7,984 | | 272 |
| NPL TUCKASEGEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2041 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1950 | 8,678.00 | 6,353 | 8,615 | 63 | 20.90 | 3 |
| | 8,678.00 | 6,353 | 8,615 | 63 | | 3 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2042 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1919 | 84,399.00 | 76,877 | 84,399 | | | |
| | 84,399.00 | 76,877 | 84,399 | | | |
| | 20,238,093.28 | 6,879,139 | 9,321,699 | 10,916,394 | | 250,687 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.5 1.24

DUKE ENERGY CAROLINAS

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1994 | 36,359.00 | 34,377 | 36,359 | | | |
| 1998 | 79,646.00 | 74,127 | 79,646 | | | |
| | 116,005.00 | 108,504 | 116,005 | | | |
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1995 | 26,271,310.00 | 11,109,874 | 14,464,419 | 11,806,891 | 21.78 | 542,098 |
| 1999 | 616,473.00 | 218,244 | 284,141 | 332,332 | 22.28 | 14,916 |
| 2002 | 99,156.00 | 28,991 | 37,745 | 61,411 | 22.58 | 2,720 |
| 2004 | 99,500.00 | 24,404 | 31,773 | 67,727 | 22.74 | 2,978 |
| 2008 | 139,309.19 | 18,262 | 23,776 | 115,533 | 23.00 | 5,023 |
| 2010 | 520,713.39 | 31,550 | 41,076 | 479,637 | 23.10 | 20,764 |
| | 27,746,461.58 | 11,431,325 | 14,882,930 | 12,863,532 | | 588,499 |
| BUCK - UNITS 7, 8 AND 9 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1992 | 28,108.00 | 26,723 | 24,147 | 3,961 | 1.00 | 3,961 |
| 1993 | 87,847.00 | 83,300 | 75,271 | 12,576 | 1.00 | 12,576 |
| | 115,955.00 | 110,023 | 99,418 | 16,537 | | 16,537 |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1991 | 963,816.00 | 918,459 | 963,816 | | | |
| 1992 | 152,616.00 | 145,094 | 152,616 | | | |
| 1993 | 22,551.00 | 21,384 | 22,551 | | | |
| 1994 | 22,969.00 | 21,717 | 22,969 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1995 | 93,581.00 | 88,194 | 93,581 | | | |
| 1996 | 24,915.00 | 23,395 | 24,915 | | | |
| 2006 | 10,320.00 | 8,730 | 10,320 | | | |
| | 1,290,768.00 | 1,226,973 | 1,290,768 | | | |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1993 | 85,228.00 | 80,817 | 85,228 | | | |
| 1998 | 15,155.00 | 14,105 | 15,155 | | | |
| | 100,383.00 | 94,922 | 100,383 | | | |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2047 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2009 | 306,881.12 | 20,969 | 28,267 | 278,614 | 33.68 | 8,272 |
| | 306,881.12 | 20,969 | 28,267 | 278,614 | | 8,272 |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2002 | 26,160,199.00 | 6,310,886 | 8,507,408 | 17,652,791 | 29.22 | 604,134 |
| 2003 | 2,671,789.00 | 589,023 | 794,034 | 1,877,755 | 29.42 | 63,826 |
| 2007 | 110,456.00 | 14,187 | 19,125 | 91,331 | 30.06 | 3,038 |
| 2008 | 257,184.70 | 26,377 | 35,558 | 221,627 | 30.19 | 7,341 |
| | 29,199,628.70 | 6,940,473 | 9,356,125 | 19,843,504 | | 678,339 |

DUKE ENERGY CAROLINAS

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2000 | 308,796.00 | 91,805 | 123,758 | 185,038 | 26.52 | 6,977 |
| 2008 | 719,190.42 | 80,190 | 108,100 | 611,090 | 27.57 | 22,165 |
| 2009 | 91,021.79 | 7,462 | 10,059 | 80,963 | 27.66 | 2,927 |
| 2010 | 132,745.00 | 6,767 | 9,122 | 123,623 | 27.74 | 4,456 |
| | 1,251,753.21 | 186,224 | 251,040 | 1,000,713 | | 36,525 |
| BUCK - COMBINED CYCLE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2011 | 447,213.24 | 6,516 | 8,784 | 438,429 | 33.15 | 13,226 |
| | 447,213.24 | 6,516 | 8,784 | 438,429 | | 13,226 |
| | 60,575,048.85 | 20,125,929 | 26,133,720 | 34,441,329 | | 1,341,398 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.7 2.21

DUKE ENERGY CAROLINAS

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1994 | 481,178.00 | 500,296 | 529,296 | | | |
| | 481,178.00 | 500,296 | 529,296 | | | |
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1995 | 12,524,617.00 | 6,063,706 | 7,810,538 | 5,966,540 | 19.92 | 299,525 |
| 1996 | 60,039.00 | 27,873 | 35,903 | 30,140 | 20.24 | 1,489 |
| | 12,584,656.00 | 6,091,579 | 7,846,441 | 5,996,681 | | 301,014 |
| BUCK - UNITS 7, 8 AND 9 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1988 | 71,939.00 | 75,847 | 71,256 | 7,877 | 0.99 | 7,877 |
| | 71,939.00 | 75,847 | 71,256 | 7,877 | | 7,877 |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1976 | 7,074.00 | 7,553 | 7,781 | | | |
| 1988 | 143,645.00 | 151,447 | 158,010 | | | |
| 1992 | 845,067.00 | 883,439 | 929,574 | | | |
| 1994 | 111,286.00 | 115,708 | 122,414 | | | |
| | 1,107,072.00 | 1,158,147 | 1,217,779 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1993 | 288,291.00 | 300,604 | 317,120 | | | |
| 1994 | 105,118.00 | 109,294 | 115,630 | | | |
| | 393,409.00 | 409,898 | 432,750 | | | |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2002 | 9,882,037.00 | 2,769,520 | 3,780,844 | 7,089,397 | 26.91 | 263,448 |
| 2003 | 5,141,194.00 | 1,312,881 | 1,792,295 | 3,863,018 | 27.32 | 141,399 |
| | 15,023,231.00 | 4,082,401 | 5,573,139 | 10,952,415 | | 404,847 |
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2010 | 52,692.64 | 3,001 | 4,097 | 53,865 | 27.11 | 1,987 |
| | 52,692.64 | 3,001 | 4,097 | 53,865 | | 1,987 |
| BUCK - COMBINED CYCLE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-R3 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2011 | 42,404,747.79 | 704,809 | 962,178 | 45,683,045 | 31.94 | 1,430,277 |
| | 42,404,747.79 | 704,809 | 962,178 | 45,683,045 | | 1,430,277 |
| | 72,118,925.43 | 13,025,978 | 16,636,936 | 62,693,883 | | 2,146,002 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.2 2.98

DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1993 | 178,152.00 | 185,818 | 195,967 | | | |
| | 178,152.00 | 185,818 | 195,967 | | | |
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1995 | 173,874,130.00 | 87,171,273 | 114,989,349 | 76,272,194 | 19.01 | 4,012,214 |
| 1996 | 54,184,998.00 | 26,061,629 | 34,378,410 | 25,225,088 | 19.37 | 1,302,276 |
| 1999 | 23,547.00 | 9,746 | 12,856 | 13,046 | 20.39 | 640 |
| 2000 | 30,437.00 | 11,864 | 15,650 | 17,831 | 20.70 | 861 |
| 2001 | 1,047,863.00 | 381,769 | 503,599 | 649,050 | 21.00 | 30,907 |
| 2002 | 3,961,288.00 | 1,338,991 | 1,766,289 | 2,591,127 | 21.28 | 121,763 |
| 2007 | 1,069,042.96 | 196,724 | 259,503 | 916,445 | 22.40 | 40,913 |
| 2008 | 7,002,324.81 | 1,034,068 | 1,364,060 | 6,338,498 | 22.57 | 280,837 |
| | 241,193,630.77 | 116,206,064 | 153,289,716 | 112,023,278 | | 5,790,411 |
| BUCK - UNITS 7, 8 AND 9 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1993 | 1,265,853.00 | 1,320,324 | 860,326 | 532,112 | 1.00 | 532,112 |
| 2009 | 854,925.14 | 671,731 | 437,702 | 502,716 | 1.00 | 502,716 |
| | 2,120,778.14 | 1,992,055 | 1,298,028 | 1,034,828 | | 1,034,828 |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1980 | 209,162.00 | 222,651 | 230,078 | | | |
| 1984 | 53.00 | 56 | 58 | | | |
| 1985 | 2,360.00 | 2,499 | 2,596 | | | |
| 1994 | 401,316.00 | 417,389 | 441,448 | | | |
| 1995 | 1,260,948.00 | 1,307,288 | 1,387,043 | | | |
| 1998 | 10,421.00 | 10,670 | 11,463 | | | |
| 1999 | 6,048.00 | 6,159 | 6,653 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2000 | 28,512.00 | 28,850 | 31,363 | | | |
| 2001 | 3,880.00 | 3,897 | 4,268 | | | |
| 2002 | 67,771.00 | 67,441 | 74,548 | | | |
| | 1,990,471.00 | 2,066,900 | 2,189,518 | | | |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1980 | 112,236.00 | 119,474 | 123,460 | | | |
| 1994 | 527,493.00 | 548,619 | 580,242 | | | |
| | 639,729.00 | 668,093 | 703,702 | | | |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2047 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2007 | 56,751,414.83 | 8,042,413 | 10,689,471 | 51,737,086 | 30.43 | 1,700,200 |
| 2009 | 190,965.51 | 15,505 | 20,608 | 189,454 | 31.37 | 6,039 |
| | 56,942,380.34 | 8,057,918 | 10,710,079 | 51,926,539 | | 1,706,239 |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2002 | 93,456,781.00 | 27,369,099 | 36,377,288 | 66,425,171 | 25.99 | 2,555,797 |
| 2003 | 91,328,681.00 | 24,302,653 | 32,301,560 | 68,159,989 | 26.48 | 2,574,018 |
| | 184,785,462.00 | 51,671,752 | 68,678,848 | 134,585,160 | | 5,129,815 |

DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2007 | 3,114,177.93 | 501,781 | 666,936 | 2,758,660 | 26.22 | 105,212 |
| 2008 | 44,979.79 | 5,773 | 7,673 | 41,805 | 26.50 | 1,578 |
| 2009 | 146,094.02 | 13,731 | 18,250 | 142,453 | 26.76 | 5,323 |
| 2010 | 19,996,119.62 | 1,157,635 | 1,538,656 | 20,457,076 | 27.00 | 757,669 |
| 2011 | 19,832,397.55 | 393,554 | 523,087 | 21,292,550 | 27.21 | 782,527 |
| | 43,133,768.91 | 2,072,474 | 2,754,602 | 44,692,544 | | 1,652,309 |
| BUCK - COMBINED CYCLE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 182,063.58 | 15,447 | 20,531 | 179,739 | 28.12 | 6,392 |
| 2011 | 517,614,903.97 | 9,514,280 | 12,645,784 | 556,730,611 | 28.84 | 19,304,113 |
| | 517,796,967.55 | 9,529,727 | 12,666,315 | 556,910,349 | | 19,310,505 |
| | 1,048,781,339.71 | 192,450,801 | 252,486,775 | 901,172,698 | | 34,624,107 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.0 3.30

DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1970 | 11,792,693.00 | 12,072,150 | 12,382,328 | | | |
| 1987 | 44,752.00 | 45,099 | 46,990 | | | |
| 1989 | 550,592.00 | 552,962 | 578,122 | | | |
| 1993 | 73,993.00 | 73,642 | 77,693 | | | |
| | 12,462,030.00 | 12,743,853 | 13,085,132 | | | |
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1995 | 58,319,917.00 | 25,447,196 | 34,634,052 | 26,601,861 | 21.94 | 1,212,482 |
| 1996 | 18,749,541.00 | 7,879,138 | 10,723,636 | 8,963,382 | 22.03 | 406,872 |
| 2008 | 140,729.89 | 19,146 | 26,058 | 121,708 | 22.84 | 5,329 |
| 2009 | 4,170.22 | 422 | 574 | 3,804 | 22.88 | 166 |
| 2010 | 68,980.13 | 4,365 | 5,941 | 66,488 | 22.92 | 2,901 |
| 2011 | 32,866.94 | 721 | 981 | 33,529 | 22.96 | 1,460 |
| | 77,316,205.18 | 33,350,988 | 45,391,243 | 35,790,772 | | 1,629,210 |
| BUCK - UNITS 7, 8 AND 9 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1969 | 10,170,836.00 | 10,416,879 | 10,679,378 | | | |
| 1991 | 80,196.00 | 80,213 | 145,462 | 61,256- | | |
| | 10,251,032.00 | 10,497,092 | 10,824,840 | 61,256- | | |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1971 | 19,560,016.00 | 20,013,270 | 20,538,017 | | | |
| 1972 | 1,595,200.00 | 1,631,260 | 1,674,960 | | | |
| 1975 | 403,101.00 | 411,451 | 423,256 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1985 | 1,009.00 | 1,020 | 1,059 | | | |
| 1991 | 452,140.00 | 452,234 | 474,747 | | | |
| 2008 | 3,960.21 | 3,232 | 4,159 | | | |
| | 22,015,426.21 | 22,512,467 | 23,116,198 | | | |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1968 | 5,638,762.00 | 5,777,834 | 5,920,700 | | | |
| 1969 | 2,560,340.00 | 2,622,277 | 2,688,357 | | | |
| | 8,199,102.00 | 8,400,111 | 8,609,057 | | | |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2003 | 95,010.00 | 21,552 | 32,268 | 67,492 | 29.43 | 2,293 |
| 2008 | 117,856.81 | 12,531 | 18,762 | 104,988 | 30.00 | 3,500 |
| 2009 | 7,029.61 | 547 | 819 | 6,562 | 30.10 | 218 |
| 2010 | 33,669.79 | 1,620 | 2,425 | 32,928 | 30.19 | 1,091 |
| 2011 | 27,955.60 | 458 | 686 | 28,668 | 30.28 | 947 |
| | 281,521.81 | 36,708 | 54,960 | 240,638 | | 8,049 |
| EQUITABLE DIESEL GENERATORS | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2028 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2001 | 594,058.00 | 241,994 | 362,321 | 261,440 | 16.06 | 16,279 |
| 2002 | 1,118,676.00 | 428,181 | 641,085 | 533,525 | 16.09 | 33,159 |
| 2004 | 2,006,455.00 | 656,746 | 983,299 | 1,123,478 | 16.14 | 69,608 |
| 2005 | 772,169.00 | 228,355 | 341,900 | 468,878 | 16.17 | 28,997 |
| 2010 | 389,368.86 | 33,876 | 50,720 | 358,117 | 16.27 | 22,011 |
| 2011 | 974,725.24 | 30,499 | 45,664 | 977,798 | 16.28 | 60,061 |
| | 5,855,452.10 | 1,619,651 | 2,424,989 | 3,723,236 | | 230,115 |

DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2000 | 239,258,936.12 | 73,211,081 | 109,613,795 | 141,608,088 | 26.60 | 5,323,612 |
| 2008 | 102,361.71 | 11,845 | 17,735 | 89,745 | 27.37 | 3,279 |
| 2009 | 155.94 | 13 | 19 | 144 | 27.45 | 5 |
| 2010 | 180,635.17 | 9,493 | 14,213 | 175,454 | 27.52 | 6,376 |
| 2011 | 42,104.49 | 772 | 1,156 | 43,054 | 27.58 | 1,561 |
| | 239,584,193.43 | 73,233,204 | 109,646,918 | 141,916,485 | | 5,334,833 |
| BUCK - COMBINED CYCLE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2011 | 64,822,009.34 | 978,748 | 1,465,410 | 66,597,700 | 32.90 | 2,024,246 |
| | 64,822,009.34 | 978,748 | 1,465,410 | 66,597,700 | | 2,024,246 |
| SHARED DEPARTMENT PLANT | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2046 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2010 | 2,162,806.51 | 95,539 | 143,044 | 2,127,903 | 32.79 | 64,895 |
| | 2,162,806.51 | 95,539 | 143,044 | 2,127,903 | | 64,895 |
| | 442,949,778.58 | 163,468,361 | 214,761,791 | 250,335,478 | | 9,291,348 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.9 2.10

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| INTERIM SURVIVOR CURVE.. SQUARE | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2030 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2009 | 475,689.15 | 56,631 | 61,824 | 413,865 | 18.50 | 22,371 |
| 2010 | 32,156,510.69 | 2,411,738 | 2,632,877 | 29,523,634 | 18.50 | 1,595,872 |
| 2011 | 6,256,963.95 | 164,683 | 179,784 | 6,077,180 | 18.50 | 328,496 |
| | 38,889,163.79 | 2,633,052 | 2,874,485 | 36,014,679 | | 1,946,739 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 18.5 5.01

DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| RIVERBEND | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1993 | 97,836.00 | 97,263 | 102,728 | | | |
| | 97,836.00 | 97,263 | 102,728 | | | |
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1995 | 20,180,694.00 | 10,655,467 | 13,042,366 | 8,147,363 | 13.93 | 584,879 |
| 1996 | 2,620,776.00 | 1,335,318 | 1,634,439 | 1,117,376 | 14.31 | 78,084 |
| 2001 | 89,049.00 | 34,735 | 42,516 | 50,986 | 16.58 | 3,075 |
| 2002 | 59,910.00 | 21,629 | 26,474 | 36,431 | 17.08 | 2,133 |
| 2008 | 2,149,889.00 | 335,176 | 410,258 | 1,847,126 | 19.90 | 92,820 |
| 2009 | 172,415.26 | 19,753 | 24,178 | 156,858 | 20.33 | 7,716 |
| | 25,272,733.26 | 12,402,078 | 15,180,230 | 11,356,140 | | 768,707 |
| BUCK - UNITS 7, 8 AND 9 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1988 | 32,941.00 | 33,058 | 31,467 | 3,121 | 0.97 | 3,121 |
| 1989 | 50,996.00 | 51,081 | 48,623 | 4,923 | 0.98 | 4,923 |
| 1993 | 41,444.00 | 41,201 | 39,219 | 4,298 | 0.98 | 4,298 |
| | 125,381.00 | 125,340 | 119,309 | 12,341 | | 12,342 |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1978 | 572.00 | 579 | 601 | | | |
| 1980 | 45,865.00 | 46,351 | 48,158 | | | |
| 1986 | 43,495.00 | 43,752 | 45,670 | | | |
| 1987 | 24,234.00 | 24,350 | 25,446 | | | |
| 1988 | 20,028.00 | 20,099 | 21,029 | | | |
| 1989 | 7,497.00 | 7,510 | 7,872 | | | |
| 1992 | 506,119.00 | 504,285 | 531,425 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1994 | 129,527.00 | 128,439 | 136,003 | | | |
| 2001 | 43,398.00 | 41,557 | 45,568 | | | |
| 2002 | 54,751.00 | 51,961 | 57,488 | | | |
| | 875,486.00 | 868,883 | 919,260 | | | |
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1988 | 22,693.00 | 22,774 | 23,828 | | | |
| 1993 | 61,368.00 | 61,008 | 64,436 | | | |
| 2009 | 38,572.84 | 28,930 | 40,502 | | | |
| | 122,633.84 | 112,712 | 128,766 | | | |
| LEE | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2047 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2008 | 9,317.00 | 1,218 | 1,527 | 8,256 | 24.34 | 339 |
| | 9,317.00 | 1,218 | 1,527 | 8,256 | | 339 |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2002 | 13,583,761.01 | 4,496,680 | 5,636,829 | 8,626,120 | 19.33 | 446,256 |
| 2003 | 1,394,084.23 | 420,019 | 526,516 | 937,272 | 19.98 | 46,911 |
| 2008 | 29,033.89 | 3,949 | 4,950 | 25,535 | 23.25 | 1,098 |
| 2009 | 181,292.30 | 17,895 | 22,432 | 167,925 | 23.90 | 7,026 |
| 2011 | 50,857.63 | 1,041 | 1,305 | 52,096 | 25.16 | 2,071 |
| | 15,239,029.06 | 4,939,584 | 6,192,033 | 9,808,948 | | 503,362 |

DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 30-L2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2007 | 1,301,902.46 | 231,597 | 290,319 | 1,076,678 | 21.62 | 49,800 |
| 2009 | 19,511.50 | 2,019 | 2,531 | 17,956 | 22.77 | 789 |
| 2010 | 302,294.38 | 19,175 | 24,037 | 293,372 | 23.33 | 12,575 |
| | 1,623,708.34 | 252,791 | 316,887 | 1,388,007 | | 63,164 |
| | 43,366,124.50 | 18,799,869 | 22,960,740 | 22,573,692 | | 1,347,914 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.7 3.11

DUKE ENERGY CAROLINAS

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| LINCOLN | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S1.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2035 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1995 | 2,016,357.00 | 906,957 | 1,041,095 | 975,262 | 18.85 | 51,738 |
| 1996 | 11,863.00 | 5,126 | 5,884 | 5,979 | 19.16 | 312 |
| 1997 | 12,967.00 | 5,367 | 6,161 | 6,806 | 19.46 | 350 |
| 1998 | 27,496.00 | 10,858 | 12,464 | 15,032 | 19.75 | 761 |
| 1999 | 32,818.00 | 12,298 | 14,117 | 18,701 | 20.04 | 933 |
| 2000 | 31,718.00 | 11,212 | 12,870 | 18,848 | 20.32 | 928 |
| 2001 | 34,881.00 | 11,555 | 13,264 | 21,617 | 20.59 | 1,050 |
| 2002 | 22,790.00 | 7,014 | 8,051 | 14,739 | 20.85 | 707 |
| 2003 | 22,173.00 | 6,283 | 7,212 | 14,961 | 21.09 | 709 |
| 2004 | 24,927.00 | 6,414 | 7,363 | 17,564 | 21.33 | 823 |
| 2007 | 38,476.89 | 6,505 | 7,467 | 31,010 | 21.97 | 1,411 |
| 2008 | 2,746.75 | 374 | 429 | 2,317 | 22.16 | 105 |
| 2011 | 264,614.67 | 5,718 | 6,564 | 258,051 | 22.64 | 11,398 |
| | 2,543,828.31 | 995,681 | 1,142,941 | 1,400,887 | | 71,225 |
| BUZZARD ROOST | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S1.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1980 | 1,144.00 | 1,106 | 1,144 | | | |
| 1981 | 4,048.00 | 3,912 | 4,048 | | | |
| 1983 | 12,459.00 | 12,012 | 12,459 | | | |
| 1984 | 34,082.00 | 32,825 | 34,082 | | | |
| 1985 | 3,003.00 | 2,889 | 3,003 | | | |
| 1986 | 16,521.00 | 15,873 | 16,521 | | | |
| 1987 | 25,810.00 | 24,763 | 25,810 | | | |
| 1988 | 7,898.00 | 7,566 | 7,898 | | | |
| 1989 | 7,158.00 | 6,846 | 7,158 | | | |
| 1990 | 3,631.00 | 3,466 | 3,631 | | | |
| 1991 | 50,212.00 | 47,838 | 50,212 | | | |
| 1992 | 56,855.00 | 54,045 | 56,855 | | | |
| 1993 | 35,738.00 | 33,886 | 35,738 | | | |
| 1994 | 33,895.00 | 32,050 | 33,895 | | | |
| 1995 | 29,419.00 | 27,714 | 29,419 | | | |
| 1997 | 1,334.00 | 1,247 | 1,334 | | | |
| 1998 | 17,363.00 | 16,156 | 17,363 | | | |
| 2000 | 930.00 | 855 | 930 | | | |
| 2005 | 112,009.00 | 97,055 | 112,009 | | | |
| 2006 | 150,429.00 | 127,251 | 150,429 | | | |
| | 603,938.00 | 549,355 | 603,938 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| DAN RIVER | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S1.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 12-2012 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1991 | 83,880.00 | 79,914 | 83,880 | | | |
| | 83,880.00 | 79,914 | 83,880 | | | |
| MILL CREEK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S1.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2043 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2002 | 2,182,783.00 | 579,944 | 692,961 | 1,489,822 | 25.51 | 58,401 |
| 2003 | 257,073.00 | 62,356 | 74,508 | 182,565 | 25.95 | 7,035 |
| 2004 | 18,602.00 | 4,058 | 4,849 | 13,753 | 26.38 | 521 |
| 2007 | 37,669.04 | 5,254 | 6,278 | 31,391 | 27.58 | 1,138 |
| 2010 | 144,027.22 | 7,173 | 8,571 | 135,456 | 28.62 | 4,733 |
| 2011 | 547,105.22 | 9,295 | 11,106 | 535,999 | 28.93 | 18,527 |
| | 3,187,259.48 | 668,080 | 798,273 | 2,388,987 | | 90,355 |
| ROCKINGHAM | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 40-S1.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2040 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2000 | 58,737.75 | 18,979 | 22,678 | 36,060 | 23.19 | 1,555 |
| 2007 | 271,169.90 | 40,244 | 48,087 | 223,083 | 25.65 | 8,697 |
| 2008 | 18,709.92 | 2,212 | 2,643 | 16,067 | 25.95 | 619 |
| 2010 | 16,226.50 | 870 | 1,040 | 15,187 | 26.48 | 574 |
| 2011 | 239,421.71 | 4,398 | 5,255 | 234,167 | 26.72 | 8,764 |
| | 604,265.78 | 66,703 | 79,702 | 524,564 | | 20,209 |
| | 7,023,171.57 | 2,359,733 | 2,708,734 | 4,314,438 | | 181,789 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.7 2.59

DUKE ENERGY CAROLINAS

ACCOUNT 350 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 70-R4 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1929 | 6,500.00 | 5,962 | 6,500 | | | |
| 1932 | 1,367.00 | 1,237 | 1,367 | | | |
| 1933 | 719.00 | 647 | 719 | | | |
| 1934 | 4,907.00 | 4,395 | 4,898 | 9 | 7.31 | 1 |
| 1935 | 663.00 | 591 | 659 | 4 | 7.65 | 1 |
| 1936 | 14.00 | 12 | 13 | 1 | 8.00 | |
| 1939 | 120.00 | 104 | 116 | 4 | 9.15 | |
| 1941 | 16,447.00 | 14,093 | 15,705 | 742 | 10.02 | 74 |
| 1942 | 3,881.00 | 3,300 | 3,677 | 204 | 10.48 | 19 |
| 1943 | 147.00 | 124 | 138 | 9 | 10.97 | 1 |
| 1944 | 4,901.00 | 4,097 | 4,566 | 335 | 11.48 | 29 |
| 1945 | 872.00 | 722 | 805 | 67 | 12.01 | 6 |
| 1947 | 203.00 | 165 | 184 | 19 | 13.15 | 1 |
| 1951 | 10.00 | 8 | 9 | 1 | 15.67 | |
| 1952 | 1,285.00 | 985 | 1,098 | 187 | 16.33 | 11 |
| 1954 | 961.00 | 718 | 800 | 161 | 17.70 | 9 |
| 1955 | 894.00 | 659 | 734 | 160 | 18.39 | 9 |
| 1956 | 4,977.00 | 3,619 | 4,033 | 944 | 19.10 | 49 |
| 1957 | 45.00 | 32 | 36 | 9 | 19.81 | |
| 1960 | 6,802,331.00 | 4,661,569 | 5,194,670 | 1,607,661 | 22.03 | 72,976 |
| 1961 | 979,429.00 | 660,693 | 736,250 | 243,179 | 22.78 | 10,675 |
| 1962 | 540,417.00 | 358,605 | 399,615 | 140,802 | 23.55 | 5,979 |
| 1963 | 1,311,684.00 | 855,782 | 953,650 | 358,034 | 24.33 | 14,716 |
| 1964 | 1,240,418.00 | 795,282 | 886,231 | 354,187 | 25.12 | 14,100 |
| 1965 | 1,605,446.00 | 1,010,741 | 1,126,330 | 479,116 | 25.93 | 18,477 |
| 1966 | 1,579,546.00 | 976,159 | 1,087,793 | 491,753 | 26.74 | 18,390 |
| 1967 | 1,460,142.00 | 885,269 | 986,509 | 473,633 | 27.56 | 17,186 |
| 1968 | 3,308,079.00 | 1,966,421 | 2,191,302 | 1,116,777 | 28.39 | 39,337 |
| 1969 | 2,288,024.00 | 1,332,614 | 1,485,013 | 803,011 | 29.23 | 27,472 |
| 1970 | 3,018,313.00 | 1,720,861 | 1,917,660 | 1,100,653 | 30.09 | 36,579 |
| 1971 | 2,363,754.00 | 1,318,644 | 1,469,445 | 894,309 | 30.95 | 28,895 |
| 1972 | 9,292,825.00 | 5,068,586 | 5,648,234 | 3,644,591 | 31.82 | 114,538 |
| 1973 | 3,158,086.00 | 1,682,818 | 1,875,266 | 1,282,820 | 32.70 | 39,230 |
| 1974 | 7,688,150.00 | 3,998,914 | 4,456,233 | 3,231,917 | 33.59 | 96,217 |
| 1975 | 6,752,366.00 | 3,426,353 | 3,818,194 | 2,934,172 | 34.48 | 85,098 |
| 1976 | 4,418,817.00 | 2,184,796 | 2,434,651 | 1,984,166 | 35.39 | 56,066 |
| 1977 | 1,207,092.88 | 581,131 | 647,590 | 559,503 | 36.30 | 15,413 |
| 1978 | 5,057,471.00 | 2,368,363 | 2,639,211 | 2,418,260 | 37.22 | 64,972 |
| 1979 | 2,871,900.00 | 1,307,117 | 1,456,600 | 1,415,300 | 38.14 | 37,108 |
| 1980 | 3,008,661.00 | 1,329,407 | 1,481,439 | 1,527,222 | 39.07 | 39,089 |
| 1981 | 5,056,712.00 | 2,166,447 | 2,414,204 | 2,642,508 | 40.01 | 66,046 |
| 1982 | 4,993,081.00 | 2,072,129 | 2,309,099 | 2,683,982 | 40.95 | 65,543 |
| 1983 | 3,226,426.00 | 1,295,184 | 1,443,302 | 1,783,124 | 41.90 | 42,557 |
| 1984 | 2,200,577.00 | 853,186 | 950,757 | 1,249,820 | 42.86 | 29,161 |
| 1985 | 3,470,895.00 | 1,298,601 | 1,447,110 | 2,023,785 | 43.81 | 46,195 |

DUKE ENERGY CAROLINAS

ACCOUNT 350 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 70-R4 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1986 | 1,559,136.00 | 561,741 | 625,982 | 933,154 | 44.78 | 20,839 |
| 1987 | 1,036,473.00 | 359,210 | 400,290 | 636,183 | 45.74 | 13,909 |
| 1988 | 669,720.00 | 222,823 | 248,305 | 421,415 | 46.71 | 9,022 |
| 1989 | 2,509,827.00 | 800,283 | 891,804 | 1,618,023 | 47.68 | 33,935 |
| 1990 | 8,657,445.00 | 2,639,309 | 2,941,143 | 5,716,302 | 48.66 | 117,474 |
| 1991 | 1,830,753.00 | 532,493 | 593,389 | 1,237,364 | 49.64 | 24,927 |
| 1992 | 2,339,354.00 | 647,674 | 721,743 | 1,617,611 | 50.62 | 31,956 |
| 1993 | 1,449,683.00 | 381,064 | 424,643 | 1,025,040 | 51.60 | 19,865 |
| 1994 | 2,360,686.00 | 587,126 | 654,270 | 1,706,416 | 52.59 | 32,448 |
| 1995 | 3,045,631.00 | 714,840 | 796,590 | 2,249,041 | 53.57 | 41,983 |
| 1996 | 1,612,108.00 | 355,583 | 396,248 | 1,215,860 | 54.56 | 22,285 |
| 1997 | 2,172,363.00 | 448,441 | 499,725 | 1,672,638 | 55.55 | 30,110 |
| 1998 | 1,456,790.00 | 280,126 | 312,161 | 1,144,629 | 56.54 | 20,245 |
| 1999 | 877,234.00 | 156,148 | 174,005 | 703,229 | 57.54 | 12,222 |
| 2000 | 2,280,322.00 | 373,654 | 416,385 | 1,863,937 | 58.53 | 31,846 |
| 2001 | 1,699,698.00 | 254,462 | 283,562 | 1,416,136 | 59.52 | 23,793 |
| 2002 | 873,214.00 | 118,259 | 131,783 | 741,431 | 60.52 | 12,251 |
| 2003 | 865,593.00 | 104,858 | 116,850 | 748,743 | 61.52 | 12,171 |
| 2004 | 2,150,689.00 | 230,124 | 256,441 | 1,894,248 | 62.51 | 30,303 |
| 2005 | 3,256,465.00 | 301,907 | 336,433 | 2,920,032 | 63.51 | 45,978 |
| 2006 | 2,048,724.36 | 160,681 | 179,057 | 1,869,667 | 64.51 | 28,983 |
| 2007 | 2,442,005.38 | 156,630 | 174,542 | 2,267,463 | 65.51 | 34,612 |
| 2008 | 6,196,439.12 | 309,822 | 345,254 | 5,851,185 | 66.50 | 87,988 |
| 2009 | 3,320,960.44 | 118,591 | 132,153 | 3,188,807 | 67.50 | 47,242 |
| 2010 | 3,462,569.73 | 74,203 | 82,689 | 3,379,881 | 68.50 | 49,341 |
| 2011 | 4,357,151.32 | 31,110 | 34,668 | 4,322,483 | 69.50 | 62,194 |
| | 153,480,590.23 | 57,138,304 | 63,672,530 | 89,808,060 | | 2,000,147 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.9 1.30

DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 55-R3 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1960 | 844,034.19 | 711,517 | 828,927 | 99,511 | 12.85 | 7,744 |
| 1961 | 184,817.00 | 153,806 | 179,186 | 24,113 | 13.39 | 1,801 |
| 1962 | 63,928.90 | 52,499 | 61,162 | 9,160 | 13.94 | 657 |
| 1963 | 218,009.00 | 176,543 | 205,675 | 34,135 | 14.51 | 2,353 |
| 1964 | 52,445.00 | 41,851 | 48,757 | 8,932 | 15.10 | 592 |
| 1965 | 169,243.86 | 132,991 | 154,936 | 31,232 | 15.71 | 1,988 |
| 1966 | 194,478.00 | 150,448 | 175,274 | 38,652 | 16.32 | 2,368 |
| 1967 | 293,095.00 | 222,988 | 259,784 | 62,620 | 16.96 | 3,692 |
| 1968 | 192,232.00 | 143,751 | 167,472 | 43,983 | 17.61 | 2,498 |
| 1969 | 544,939.00 | 400,313 | 466,370 | 133,063 | 18.27 | 7,283 |
| 1970 | 175,394.00 | 126,495 | 147,369 | 45,564 | 18.94 | 2,406 |
| 1971 | 385,148.00 | 272,453 | 317,412 | 106,251 | 19.63 | 5,413 |
| 1972 | 472,779.00 | 327,823 | 381,919 | 138,138 | 20.33 | 6,795 |
| 1973 | 655,437.00 | 445,170 | 518,629 | 202,352 | 21.04 | 9,617 |
| 1974 | 108,723.67 | 72,258 | 84,182 | 35,414 | 21.77 | 1,627 |
| 1975 | 896,529.00 | 582,745 | 678,906 | 307,276 | 22.50 | 13,657 |
| 1976 | 104,387.00 | 66,285 | 77,223 | 37,603 | 23.25 | 1,617 |
| 1977 | 773,219.00 | 479,237 | 558,318 | 292,223 | 24.01 | 12,171 |
| 1978 | 557,500.00 | 337,067 | 392,688 | 220,562 | 24.77 | 8,904 |
| 1979 | 614,174.00 | 361,745 | 421,438 | 254,153 | 25.55 | 9,947 |
| 1980 | 262,708.00 | 150,584 | 175,433 | 113,546 | 26.34 | 4,311 |
| 1981 | 891,882.00 | 496,961 | 578,967 | 402,103 | 27.14 | 14,816 |
| 1982 | 574,112.00 | 310,709 | 361,980 | 269,543 | 27.94 | 9,647 |
| 1983 | 491,620.00 | 258,002 | 300,576 | 240,206 | 28.76 | 8,352 |
| 1984 | 775,612.31 | 394,166 | 459,209 | 393,965 | 29.59 | 13,314 |
| 1985 | 164,654.00 | 80,944 | 94,301 | 86,818 | 30.42 | 2,854 |
| 1986 | 217,369.00 | 103,208 | 120,239 | 118,867 | 31.26 | 3,803 |
| 1987 | 47,739.00 | 21,855 | 25,461 | 27,052 | 32.11 | 842 |
| 1988 | 2,915,219.00 | 1,284,460 | 1,496,414 | 1,710,327 | 32.97 | 51,875 |
| 1989 | 766,012.00 | 324,179 | 377,673 | 464,940 | 33.84 | 13,739 |
| 1990 | 946,389.00 | 383,858 | 447,200 | 593,828 | 34.72 | 17,103 |
| 1991 | 493,630.00 | 191,530 | 223,135 | 319,858 | 35.60 | 8,985 |
| 1992 | 257,852.00 | 95,458 | 111,210 | 172,427 | 36.49 | 4,725 |
| 1993 | 1,210,713.00 | 426,411 | 496,775 | 835,009 | 37.39 | 22,332 |
| 1994 | 169,468.00 | 56,603 | 65,943 | 120,472 | 38.30 | 3,145 |
| 1995 | 1,754,922.16 | 554,203 | 645,655 | 1,284,759 | 39.21 | 32,766 |
| 1996 | 207,139.00 | 61,602 | 71,767 | 156,086 | 40.13 | 3,890 |
| 1997 | 604,186.00 | 168,444 | 196,240 | 468,365 | 41.06 | 11,407 |
| 1998 | 306,759.00 | 79,820 | 92,991 | 244,444 | 41.99 | 5,821 |
| 1999 | 121,192.00 | 29,255 | 34,083 | 99,228 | 42.93 | 2,311 |
| 2000 | 1,929,280.00 | 429,450 | 500,315 | 1,621,893 | 43.87 | 36,970 |
| 2001 | 1,926,907.00 | 392,698 | 457,499 | 1,662,099 | 44.81 | 37,092 |
| 2002 | 2,439,456.00 | 450,328 | 524,639 | 2,158,763 | 45.77 | 47,165 |
| 2003 | 427,582.00 | 70,810 | 82,495 | 387,845 | 46.72 | 8,301 |
| 2004 | 613,630.00 | 89,713 | 104,517 | 570,476 | 47.69 | 11,962 |

DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 55-R3 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2005 | 5,369,001.00 | 681,836 | 794,349 | 5,111,552 | 48.65 | 105,068 |
| 2006 | 2,812,075.97 | 302,585 | 352,516 | 2,740,768 | 49.62 | 55,235 |
| 2007 | 2,137,413.72 | 188,516 | 219,624 | 2,131,531 | 50.59 | 42,133 |
| 2008 | 2,358,387.84 | 161,776 | 188,471 | 2,405,756 | 51.57 | 46,650 |
| 2009 | 241,831.00 | 11,899 | 13,862 | 252,152 | 52.54 | 4,799 |
| 2010 | 5,387,192.28 | 159,466 | 185,780 | 5,740,132 | 53.52 | 107,252 |
| 2011 | 1,664,246.55 | 16,311 | 19,003 | 1,811,668 | 54.51 | 33,236 |
| | 47,986,693.45 | 13,685,625 | 15,943,949 | 36,841,414 | | 875,031 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 42.1 1.82

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 48-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. -15 | | | | | | |
| 1919 | 5,517.00 | 6,170 | 6,345 | | | |
| 1929 | 653.00 | 686 | 751 | | | |
| 1933 | 125.00 | 129 | 144 | | | |
| 1940 | 63.00 | 62 | 72 | | | |
| 1941 | 440,608.00 | 430,274 | 506,699 | | | |
| 1942 | 412,059.87 | 399,528 | 473,869 | | | |
| 1943 | 356.00 | 343 | 409 | | | |
| 1944 | 372.00 | 355 | 428 | | | |
| 1949 | 9,208.00 | 8,449 | 10,589 | | | |
| 1950 | 18,700.00 | 17,011 | 21,505 | | | |
| 1951 | 314,660.00 | 283,607 | 361,859 | | | |
| 1952 | 13,681.00 | 12,219 | 15,733 | | | |
| 1953 | 114,652.00 | 101,415 | 131,850 | | | |
| 1954 | 104,626.00 | 91,619 | 120,320 | | | |
| 1955 | 107,633.00 | 93,272 | 123,778 | | | |
| 1956 | 18,842.00 | 16,156 | 21,668 | | | |
| 1957 | 17,501.00 | 14,839 | 20,017 | 109 | 12.61 | 9 |
| 1960 | 17,833,626.03 | 14,591,098 | 19,682,552 | 826,118 | 13.85 | 59,648 |
| 1961 | 2,407,493.67 | 1,944,373 | 2,622,847 | 145,771 | 14.29 | 10,201 |
| 1962 | 1,540,408.10 | 1,227,487 | 1,655,809 | 115,660 | 14.74 | 7,847 |
| 1963 | 1,973,188.94 | 1,550,590 | 2,091,657 | 177,510 | 15.20 | 11,678 |
| 1964 | 2,791,340.31 | 2,162,091 | 2,916,536 | 293,505 | 15.67 | 18,730 |
| 1965 | 3,119,305.67 | 2,380,252 | 3,210,823 | 376,379 | 16.15 | 23,305 |
| 1966 | 4,866,974.40 | 3,656,701 | 4,932,679 | 664,342 | 16.64 | 39,924 |
| 1967 | 6,991,738.49 | 5,169,398 | 6,973,221 | 1,067,278 | 17.14 | 62,268 |
| 1968 | 4,367,993.78 | 3,176,115 | 4,284,397 | 738,796 | 17.65 | 41,858 |
| 1969 | 14,161,464.31 | 10,117,481 | 13,647,900 | 2,637,784 | 18.18 | 145,093 |
| 1970 | 4,812,133.14 | 3,376,874 | 4,555,209 | 978,744 | 18.71 | 52,311 |
| 1971 | 15,093,976.43 | 10,393,146 | 14,019,757 | 3,338,316 | 19.26 | 173,329 |
| 1972 | 18,250,603.12 | 12,326,156 | 16,627,276 | 4,360,918 | 19.81 | 220,137 |
| 1973 | 30,149,984.41 | 19,951,240 | 26,913,076 | 7,759,406 | 20.38 | 380,736 |
| 1974 | 23,653,548.11 | 15,323,466 | 20,670,475 | 6,531,105 | 20.96 | 311,599 |
| 1975 | 31,046,979.91 | 19,681,845 | 26,549,678 | 9,154,349 | 21.54 | 424,993 |
| 1976 | 11,364,039.01 | 7,040,732 | 9,497,543 | 3,571,102 | 22.14 | 161,296 |
| 1977 | 11,368,499.53 | 6,880,074 | 9,280,824 | 3,792,950 | 22.74 | 166,796 |
| 1978 | 17,144,995.73 | 10,121,197 | 13,652,913 | 6,063,832 | 23.36 | 259,582 |
| 1979 | 12,909,201.40 | 7,429,026 | 10,021,329 | 4,824,253 | 23.98 | 201,178 |
| 1980 | 7,977,608.67 | 4,468,594 | 6,027,876 | 3,146,374 | 24.62 | 127,797 |
| 1981 | 25,873,159.61 | 14,096,021 | 19,014,722 | 10,739,412 | 25.26 | 425,155 |
| 1982 | 15,245,207.33 | 8,068,396 | 10,883,802 | 6,648,186 | 25.91 | 256,588 |
| 1983 | 27,871,696.50 | 14,310,137 | 19,303,552 | 12,748,899 | 26.57 | 479,823 |
| 1984 | 25,202,871.33 | 12,535,278 | 16,909,370 | 12,073,932 | 27.24 | 443,243 |
| 1985 | 9,797,183.95 | 4,715,590 | 6,361,060 | 4,905,702 | 27.91 | 175,769 |
| 1986 | 11,312,350.00 | 5,260,661 | 7,096,329 | 5,912,874 | 28.59 | 206,816 |
| 1987 | 8,538,985.58 | 3,829,735 | 5,166,092 | 4,653,741 | 29.28 | 158,939 |

DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 48-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. -15 | | | | | | |
| 1988 | 11,645,499.00 | 5,027,746 | 6,782,140 | 6,610,184 | 29.98 | 220,486 |
| 1989 | 19,542,008.00 | 8,104,325 | 10,932,269 | 11,541,040 | 30.69 | 376,052 |
| 1990 | 27,514,636.05 | 10,942,695 | 14,761,067 | 16,880,764 | 31.40 | 537,604 |
| 1991 | 51,168,351.56 | 19,479,587 | 26,276,843 | 32,566,761 | 32.11 | 1,014,225 |
| 1992 | 19,257,403.00 | 6,994,375 | 9,435,010 | 12,711,003 | 32.84 | 387,059 |
| 1993 | 35,538,977.54 | 12,286,287 | 16,573,495 | 24,296,329 | 33.57 | 723,751 |
| 1994 | 21,519,408.82 | 7,063,380 | 9,528,094 | 15,219,226 | 34.30 | 443,709 |
| 1995 | 37,002,260.84 | 11,489,202 | 15,498,273 | 27,054,327 | 35.04 | 772,098 |
| 1996 | 11,009,117.76 | 3,220,574 | 4,344,369 | 8,316,116 | 35.79 | 232,359 |
| 1997 | 9,609,766.61 | 2,638,482 | 3,559,161 | 7,492,071 | 36.54 | 205,038 |
| 1998 | 17,083,762.85 | 4,379,559 | 5,907,773 | 13,738,554 | 37.30 | 368,326 |
| 1999 | 12,117,420.21 | 2,885,667 | 3,892,599 | 10,042,434 | 38.06 | 263,858 |
| 2000 | 30,020,388.31 | 6,595,359 | 8,896,760 | 25,626,687 | 38.83 | 659,971 |
| 2001 | 34,101,415.07 | 6,862,910 | 9,257,671 | 29,958,956 | 39.60 | 756,539 |
| 2002 | 43,099,366.27 | 7,868,328 | 10,613,922 | 38,950,349 | 40.38 | 964,595 |
| 2003 | 35,049,008.68 | 5,743,656 | 7,747,862 | 32,558,498 | 41.16 | 791,023 |
| 2004 | 44,076,271.00 | 6,388,679 | 8,617,961 | 42,069,751 | 41.95 | 1,002,855 |
| 2005 | 35,482,194.09 | 4,471,360 | 6,031,608 | 34,772,915 | 42.74 | 813,592 |
| 2006 | 35,094,158.96 | 3,758,163 | 5,069,546 | 35,288,737 | 43.53 | 810,676 |
| 2007 | 55,373,925.48 | 4,868,974 | 6,567,966 | 57,112,048 | 44.33 | 1,288,339 |
| 2008 | 44,614,853.78 | 3,056,876 | 4,123,550 | 47,183,532 | 45.14 | 1,045,271 |
| 2009 | 35,668,711.81 | 1,751,922 | 2,363,242 | 38,655,777 | 45.95 | 841,257 |
| 2010 | 79,748,169.07 | 2,349,620 | 3,169,502 | 88,540,892 | 46.77 | 1,893,113 |
| 2011 | 78,778,307.58 | 773,682 | 1,043,652 | 89,551,402 | 47.59 | 1,881,727 |
| | 1,193,361,196.67 | 376,261,296 | 507,379,675 | 864,985,701 | | 23,340,171 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.1 1.96

DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 60-R2 | | | | | | |
| NET SALVAGE PERCENT.. -35 | | | | | | |
| 1960 | 13,759,654.09 | 12,074,096 | 15,361,494 | 3,214,039 | 21.00 | 153,049 |
| 1961 | 695,314.00 | 601,380 | 765,117 | 173,557 | 21.56 | 8,050 |
| 1962 | 536,784.00 | 457,259 | 581,756 | 142,902 | 22.14 | 6,454 |
| 1963 | 2,551,115.00 | 2,139,864 | 2,722,482 | 721,523 | 22.72 | 31,757 |
| 1964 | 2,162,112.00 | 1,784,878 | 2,270,844 | 648,007 | 23.31 | 27,800 |
| 1965 | 2,353,800.33 | 1,910,805 | 2,431,057 | 746,573 | 23.92 | 31,211 |
| 1966 | 2,373,474.53 | 1,894,221 | 2,409,958 | 794,233 | 24.53 | 32,378 |
| 1967 | 2,557,269.16 | 2,005,207 | 2,551,162 | 901,151 | 25.15 | 35,831 |
| 1968 | 4,277,245.27 | 3,293,246 | 4,189,894 | 1,584,387 | 25.78 | 61,458 |
| 1969 | 8,826,240.15 | 6,670,612 | 8,486,811 | 3,428,613 | 26.41 | 129,823 |
| 1970 | 7,362,674.00 | 5,456,846 | 6,942,574 | 2,997,036 | 27.06 | 110,755 |
| 1971 | 3,266,273.24 | 2,373,044 | 3,019,150 | 1,390,319 | 27.71 | 50,174 |
| 1972 | 27,260,776.40 | 19,394,679 | 24,675,243 | 12,126,805 | 28.38 | 427,301 |
| 1973 | 11,729,524.50 | 8,168,095 | 10,392,012 | 5,442,846 | 29.05 | 187,361 |
| 1974 | 36,389,946.06 | 24,784,283 | 31,532,268 | 17,594,159 | 29.73 | 591,798 |
| 1975 | 9,878,837.00 | 6,574,860 | 8,364,989 | 4,971,441 | 30.42 | 163,427 |
| 1976 | 4,526,741.00 | 2,942,495 | 3,743,644 | 2,367,456 | 31.11 | 76,100 |
| 1977 | 13,202,327.00 | 8,373,847 | 10,653,783 | 7,169,358 | 31.81 | 225,381 |
| 1978 | 5,376,808.00 | 3,324,480 | 4,229,632 | 3,029,059 | 32.52 | 93,144 |
| 1979 | 4,957,302.00 | 2,984,792 | 3,797,457 | 2,894,901 | 33.24 | 87,091 |
| 1980 | 5,037,512.60 | 2,950,323 | 3,753,604 | 3,047,038 | 33.97 | 89,698 |
| 1981 | 11,061,611.00 | 6,296,872 | 8,011,313 | 6,921,862 | 34.70 | 199,477 |
| 1982 | 14,777,741.00 | 8,166,113 | 10,389,490 | 9,560,460 | 35.44 | 269,765 |
| 1983 | 7,145,528.83 | 3,828,006 | 4,870,252 | 4,776,212 | 36.19 | 131,976 |
| 1984 | 9,249,936.00 | 4,799,288 | 6,105,984 | 6,381,430 | 36.94 | 172,751 |
| 1985 | 6,962,154.00 | 3,493,292 | 4,444,406 | 4,954,502 | 37.70 | 131,419 |
| 1986 | 7,784,694.00 | 3,771,065 | 4,797,808 | 5,711,529 | 38.47 | 148,467 |
| 1987 | 3,315,270.00 | 1,547,802 | 1,969,220 | 2,506,394 | 39.25 | 63,857 |
| 1988 | 4,440,992.00 | 1,995,429 | 2,538,722 | 3,456,617 | 40.03 | 86,351 |
| 1989 | 10,889,954.00 | 4,701,961 | 5,982,158 | 8,719,280 | 40.81 | 213,655 |
| 1990 | 13,523,946.50 | 5,595,871 | 7,119,452 | 11,137,876 | 41.61 | 267,673 |
| 1991 | 14,774,722.62 | 5,847,532 | 7,439,632 | 12,506,244 | 42.41 | 294,889 |
| 1992 | 1,829,226.89 | 691,028 | 879,173 | 1,590,283 | 43.21 | 36,804 |
| 1993 | 4,030,350.17 | 1,449,094 | 1,843,637 | 3,597,336 | 44.02 | 81,720 |
| 1994 | 11,556,985.00 | 3,942,140 | 5,015,461 | 10,586,469 | 44.84 | 236,094 |
| 1995 | 12,684,574.00 | 4,089,767 | 5,203,283 | 11,920,892 | 45.67 | 261,022 |
| 1996 | 6,434,819.00 | 1,956,053 | 2,488,625 | 6,198,381 | 46.49 | 133,327 |
| 1997 | 4,661,220.00 | 1,328,818 | 1,690,614 | 4,602,033 | 47.33 | 97,233 |
| 1998 | 1,302,711.00 | 346,755 | 441,166 | 1,317,494 | 48.17 | 27,351 |
| 1999 | 2,220,888.00 | 549,180 | 698,704 | 2,299,495 | 49.01 | 46,919 |
| 2000 | 3,598,714.00 | 820,221 | 1,043,541 | 3,814,723 | 49.87 | 76,493 |
| 2001 | 4,175,112.00 | 871,782 | 1,109,141 | 4,527,260 | 50.72 | 89,260 |
| 2002 | 5,456,047.00 | 1,033,624 | 1,315,047 | 6,050,616 | 51.58 | 117,305 |
| 2003 | 5,194,979.00 | 882,474 | 1,122,744 | 5,890,478 | 52.45 | 112,307 |
| 2004 | 5,436,025.00 | 817,010 | 1,039,456 | 6,299,178 | 53.32 | 118,139 |

DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 60-R2 | | | | | | |
| NET SALVAGE PERCENT.. -35 | | | | | | |
| 2005 | 3,810,380.06 | 497,272 | 632,664 | 4,511,349 | 54.20 | 83,235 |
| 2006 | 14,893,355.49 | 1,648,694 | 2,097,582 | 18,008,448 | 55.08 | 326,951 |
| 2007 | 18,914,927.59 | 1,719,282 | 2,187,389 | 23,347,763 | 55.96 | 417,222 |
| 2008 | 6,623,288.47 | 469,426 | 597,236 | 8,344,203 | 56.85 | 146,776 |
| 2009 | 14,633,218.62 | 740,807 | 942,505 | 18,812,340 | 57.75 | 325,755 |
| 2010 | 20,130,291.16 | 616,077 | 783,816 | 26,392,077 | 58.64 | 450,070 |
| 2011 | 14,103,488.01 | 142,798 | 181,677 | 18,858,032 | 59.55 | 316,676 |
| | 434,698,880.74 | 194,814,845 | 247,856,829 | 338,986,660 | | 8,100,980 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.8 1.86

DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 48-R2 | | | | | | |
| NET SALVAGE PERCENT.. -30 | | | | | | |
| 1933 | 35,120.00 | 42,945 | 45,656 | | | |
| 1941 | 17,559.00 | 20,373 | 22,827 | | | |
| 1954 | 5,243.00 | 5,495 | 6,816 | | | |
| 1955 | 22,106.00 | 22,948 | 28,571 | 167 | 9.67 | 17 |
| 1956 | 17,660.00 | 18,151 | 22,599 | 359 | 10.05 | 36 |
| 1959 | 252.00 | 251 | 313 | 15 | 11.26 | 1 |
| 1960 | 2,067,072.00 | 2,032,754 | 2,530,872 | 156,322 | 11.69 | 13,372 |
| 1961 | 153,010.27 | 148,646 | 185,071 | 13,842 | 12.13 | 1,141 |
| 1962 | 177,942.33 | 170,699 | 212,528 | 18,797 | 12.58 | 1,494 |
| 1963 | 258,518.68 | 244,773 | 304,754 | 31,320 | 13.04 | 2,402 |
| 1964 | 294,334.79 | 274,858 | 342,211 | 40,424 | 13.52 | 2,990 |
| 1965 | 452,035.67 | 416,124 | 518,093 | 69,553 | 14.01 | 4,965 |
| 1966 | 551,308.58 | 500,050 | 622,585 | 94,116 | 14.51 | 6,486 |
| 1967 | 1,119,843.09 | 1,000,248 | 1,245,355 | 210,441 | 15.02 | 14,011 |
| 1968 | 1,353,056.17 | 1,189,506 | 1,480,989 | 277,984 | 15.54 | 17,888 |
| 1969 | 1,632,978.38 | 1,411,710 | 1,757,644 | 365,228 | 16.08 | 22,713 |
| 1970 | 1,636,218.14 | 1,390,134 | 1,730,780 | 396,304 | 16.63 | 23,831 |
| 1971 | 1,001,441.89 | 835,647 | 1,040,419 | 261,455 | 17.19 | 15,210 |
| 1972 | 1,701,511.58 | 1,393,073 | 1,734,440 | 477,525 | 17.77 | 26,873 |
| 1973 | 773,818.31 | 621,394 | 773,664 | 232,300 | 18.35 | 12,659 |
| 1974 | 3,700,407.39 | 2,911,381 | 3,624,802 | 1,185,728 | 18.95 | 62,571 |
| 1975 | 1,621,865.95 | 1,249,242 | 1,555,363 | 553,063 | 19.56 | 28,275 |
| 1976 | 560,190.70 | 422,078 | 525,506 | 202,742 | 20.18 | 10,047 |
| 1977 | 1,895,925.66 | 1,396,156 | 1,738,278 | 726,425 | 20.81 | 34,907 |
| 1978 | 693,714.99 | 498,820 | 621,054 | 280,775 | 21.45 | 13,090 |
| 1979 | 1,647,089.98 | 1,154,930 | 1,437,941 | 703,276 | 22.11 | 31,808 |
| 1980 | 2,083,823.14 | 1,423,889 | 1,772,807 | 936,163 | 22.77 | 41,114 |
| 1981 | 2,198,019.47 | 1,462,059 | 1,820,330 | 1,037,095 | 23.44 | 44,245 |
| 1982 | 1,479,417.49 | 956,409 | 1,190,773 | 732,470 | 24.13 | 30,355 |
| 1983 | 2,092,561.74 | 1,313,702 | 1,635,619 | 1,084,711 | 24.82 | 43,703 |
| 1984 | 3,518,917.01 | 2,142,419 | 2,667,410 | 1,907,182 | 25.52 | 74,733 |
| 1985 | 1,245,450.28 | 734,320 | 914,262 | 704,823 | 26.23 | 26,871 |
| 1986 | 3,303,972.24 | 1,882,699 | 2,344,046 | 1,951,118 | 26.96 | 72,371 |
| 1987 | 1,742,165.77 | 958,289 | 1,193,114 | 1,071,702 | 27.69 | 38,704 |
| 1988 | 3,155,483.57 | 1,672,479 | 2,082,313 | 2,019,816 | 28.43 | 71,045 |
| 1989 | 3,302,816.63 | 1,683,459 | 2,095,983 | 2,197,679 | 29.18 | 75,315 |
| 1990 | 3,171,443.98 | 1,552,098 | 1,932,433 | 2,190,444 | 29.93 | 73,186 |
| 1991 | 3,188,237.75 | 1,493,836 | 1,859,894 | 2,284,815 | 30.70 | 74,424 |
| 1992 | 2,584,361.94 | 1,157,003 | 1,440,522 | 1,919,149 | 31.47 | 60,983 |
| 1993 | 2,774,708.98 | 1,182,847 | 1,472,699 | 2,134,423 | 32.26 | 66,163 |
| 1994 | 4,228,563.05 | 1,712,137 | 2,131,689 | 3,365,443 | 33.05 | 101,829 |
| 1995 | 4,038,170.80 | 1,547,536 | 1,926,753 | 3,322,869 | 33.85 | 98,165 |
| 1996 | 3,530,997.30 | 1,276,653 | 1,589,491 | 3,000,805 | 34.65 | 86,603 |
| 1997 | 3,734,481.35 | 1,268,323 | 1,579,120 | 3,275,706 | 35.46 | 92,377 |
| 1998 | 5,210,641.68 | 1,653,967 | 2,059,265 | 4,714,569 | 36.28 | 129,950 |

DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 48-R2 | | | | | | |
| NET SALVAGE PERCENT.. -30 | | | | | | |
| 1999 | 4,120,864.06 | 1,215,424 | 1,513,258 | 3,843,865 | 37.11 | 103,580 |
| 2000 | 12,997,386.14 | 3,537,811 | 4,404,737 | 12,491,865 | 37.95 | 329,166 |
| 2001 | 7,872,407.02 | 1,963,725 | 2,444,927 | 7,789,202 | 38.79 | 200,804 |
| 2002 | 20,645,666.13 | 4,674,612 | 5,820,106 | 21,019,260 | 39.64 | 530,254 |
| 2003 | 12,336,316.23 | 2,509,182 | 3,124,046 | 12,913,165 | 40.49 | 318,922 |
| 2004 | 19,808,936.81 | 3,567,629 | 4,441,861 | 21,309,757 | 41.35 | 515,351 |
| 2005 | 29,825,043.44 | 4,668,991 | 5,813,108 | 32,959,448 | 42.22 | 780,660 |
| 2006 | 19,431,256.99 | 2,583,910 | 3,217,086 | 22,043,548 | 43.09 | 511,570 |
| 2007 | 13,935,066.49 | 1,520,985 | 1,893,696 | 16,221,890 | 43.97 | 368,931 |
| 2008 | 34,954,958.11 | 2,972,779 | 3,701,246 | 41,740,200 | 44.86 | 930,455 |
| 2009 | 18,145,597.57 | 1,105,865 | 1,376,852 | 22,212,425 | 45.75 | 485,517 |
| 2010 | 23,075,799.63 | 843,559 | 1,050,270 | 28,948,270 | 46.65 | 620,542 |
| 2011 | 7,990,764.35 | 97,439 | 121,316 | 10,266,678 | 47.55 | 215,913 |
| | 305,114,521.69 | 77,708,421 | 96,740,163 | 299,908,715 | | 7,560,588 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.7 2.48

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R2 | | | | | | |
| NET SALVAGE PERCENT.. -40 | | | | | | |
| 1933 | 666.00 | 859 | 932 | | | |
| 1936 | 604.00 | 765 | 846 | | | |
| 1940 | 5,407.00 | 6,671 | 7,570 | | | |
| 1941 | 43,330.00 | 53,091 | 60,662 | | | |
| 1949 | 492.00 | 568 | 660 | 29 | 8.77 | 3 |
| 1950 | 6,140.00 | 7,030 | 8,172 | 424 | 9.11 | 47 |
| 1954 | 4,206.00 | 4,641 | 5,395 | 493 | 10.59 | 47 |
| 1955 | 20,412.00 | 22,296 | 25,919 | 2,658 | 10.99 | 242 |
| 1956 | 2,150.00 | 2,324 | 2,702 | 308 | 11.39 | 27 |
| 1957 | 5,470.00 | 5,849 | 6,799 | 859 | 11.81 | 73 |
| 1960 | 12,999,548.22 | 13,420,214 | 15,600,805 | 2,598,563 | 13.13 | 197,910 |
| 1961 | 1,431,660.00 | 1,459,148 | 1,696,239 | 308,085 | 13.60 | 22,653 |
| 1962 | 573,811.32 | 577,277 | 671,076 | 132,260 | 14.07 | 9,400 |
| 1963 | 1,372,471.53 | 1,361,931 | 1,583,225 | 338,235 | 14.56 | 23,230 |
| 1964 | 1,600,455.44 | 1,565,758 | 1,820,171 | 420,467 | 15.06 | 27,919 |
| 1965 | 2,061,749.28 | 1,987,609 | 2,310,567 | 575,882 | 15.57 | 36,987 |
| 1966 | 2,383,269.42 | 2,262,867 | 2,630,550 | 706,027 | 16.09 | 43,880 |
| 1967 | 2,362,005.23 | 2,206,963 | 2,565,563 | 741,244 | 16.63 | 44,573 |
| 1968 | 3,693,533.42 | 3,395,244 | 3,946,922 | 1,224,025 | 17.17 | 71,289 |
| 1969 | 5,985,496.97 | 5,408,256 | 6,287,020 | 2,092,676 | 17.73 | 118,030 |
| 1970 | 5,028,743.87 | 4,463,513 | 5,188,769 | 1,851,472 | 18.30 | 101,173 |
| 1971 | 2,209,801.27 | 1,925,532 | 2,238,403 | 855,319 | 18.88 | 45,303 |
| 1972 | 19,615,746.03 | 16,762,832 | 19,486,551 | 7,975,493 | 19.48 | 409,420 |
| 1973 | 8,602,151.29 | 7,206,538 | 8,377,497 | 3,665,515 | 20.08 | 182,546 |
| 1974 | 24,522,323.03 | 20,118,114 | 23,387,017 | 10,944,235 | 20.70 | 528,707 |
| 1975 | 7,631,266.47 | 6,128,212 | 7,123,958 | 3,559,815 | 21.32 | 166,971 |
| 1976 | 4,347,269.02 | 3,413,128 | 3,967,712 | 2,118,465 | 21.96 | 96,469 |
| 1977 | 9,022,295.70 | 6,921,905 | 8,046,615 | 4,584,599 | 22.60 | 202,858 |
| 1978 | 4,289,334.18 | 3,211,510 | 3,733,334 | 2,271,734 | 23.26 | 97,667 |
| 1979 | 4,762,123.05 | 3,476,159 | 4,040,985 | 2,625,987 | 23.93 | 109,736 |
| 1980 | 5,630,070.67 | 4,004,106 | 4,654,715 | 3,227,384 | 24.60 | 131,194 |
| 1981 | 8,822,819.47 | 6,104,332 | 7,096,198 | 5,255,749 | 25.29 | 207,819 |
| 1982 | 11,973,705.91 | 8,053,036 | 9,361,538 | 7,401,650 | 25.98 | 284,898 |
| 1983 | 5,463,484.03 | 3,565,907 | 4,145,315 | 3,503,563 | 26.69 | 131,269 |
| 1984 | 7,513,943.48 | 4,754,823 | 5,527,413 | 4,992,108 | 27.40 | 182,194 |
| 1985 | 4,277,328.33 | 2,619,265 | 3,044,858 | 2,943,402 | 28.13 | 104,636 |
| 1986 | 7,316,741.00 | 4,330,925 | 5,034,638 | 5,208,799 | 28.86 | 180,485 |
| 1987 | 3,828,211.93 | 2,186,675 | 2,541,978 | 2,817,519 | 29.60 | 95,186 |
| 1988 | 4,893,182.90 | 2,692,229 | 3,129,677 | 3,720,779 | 30.35 | 122,596 |
| 1989 | 8,628,006.68 | 4,565,941 | 5,307,841 | 6,771,368 | 31.10 | 217,729 |
| 1990 | 12,192,807.73 | 6,189,557 | 7,195,271 | 9,874,660 | 31.87 | 309,842 |
| 1991 | 11,280,686.05 | 5,483,316 | 6,374,276 | 9,418,684 | 32.64 | 288,563 |
| 1992 | 2,347,463.59 | 1,089,786 | 1,266,861 | 2,019,588 | 33.42 | 60,431 |
| 1993 | 4,402,887.64 | 1,946,605 | 2,262,900 | 3,901,143 | 34.21 | 114,035 |
| 1994 | 10,045,252.73 | 4,216,193 | 4,901,264 | 9,162,090 | 35.01 | 261,699 |

DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R2 | | | | | | |
| NET SALVAGE PERCENT.. -40 | | | | | | |
| 1995 | 18,788,101.02 | 7,464,888 | 8,677,825 | 17,625,516 | 35.81 | 492,195 |
| 1996 | 6,451,307.79 | 2,416,918 | 2,809,632 | 6,222,199 | 36.62 | 169,913 |
| 1997 | 6,675,073.37 | 2,347,490 | 2,728,923 | 6,616,180 | 37.44 | 176,714 |
| 1998 | 4,125,208.06 | 1,356,038 | 1,576,375 | 4,198,916 | 38.26 | 109,747 |
| 1999 | 3,927,986.01 | 1,199,921 | 1,394,891 | 4,104,289 | 39.09 | 104,996 |
| 2000 | 6,538,019.17 | 1,843,460 | 2,142,996 | 7,010,231 | 39.93 | 175,563 |
| 2001 | 5,752,347.83 | 1,486,637 | 1,728,194 | 6,325,093 | 40.77 | 155,141 |
| 2002 | 15,959,841.12 | 3,740,348 | 4,348,100 | 17,995,678 | 41.63 | 432,277 |
| 2003 | 13,857,281.11 | 2,917,789 | 3,391,888 | 16,008,306 | 42.48 | 376,843 |
| 2004 | 22,601,291.24 | 4,208,360 | 4,892,158 | 26,749,650 | 43.35 | 617,062 |
| 2005 | 27,561,038.57 | 4,460,478 | 5,185,241 | 33,400,213 | 44.22 | 755,319 |
| 2006 | 36,110,777.62 | 4,964,510 | 5,771,171 | 44,783,918 | 45.09 | 993,212 |
| 2007 | 25,233,354.57 | 2,847,332 | 3,309,982 | 32,016,714 | 45.97 | 696,470 |
| 2008 | 30,031,534.62 | 2,640,373 | 3,069,396 | 38,974,752 | 46.86 | 831,728 |
| 2009 | 43,075,856.35 | 2,713,779 | 3,154,729 | 57,151,470 | 47.75 | 1,196,889 |
| 2010 | 20,228,185.72 | 764,625 | 888,865 | 27,430,595 | 48.65 | 563,835 |
| 2011 | 13,430,615.66 | 169,226 | 196,723 | 18,606,139 | 49.55 | 375,502 |
| | 533,548,343.71 | 216,721,672 | 251,934,468 | 495,033,213 | | 13,453,142 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.8 2.52

DUKE ENERGY CAROLINAS

ACCOUNT 357 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-S4 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1960 | 665.00 | 579 | 665 | | | |
| 1972 | 3,583.00 | 2,693 | 3,202 | 381 | 12.42 | 31 |
| 1973 | 3,140.00 | 2,317 | 2,755 | 385 | 13.11 | 29 |
| 1976 | 46,586.00 | 32,247 | 38,338 | 8,248 | 15.39 | 536 |
| 1987 | 50,980.00 | 24,960 | 29,675 | 21,305 | 25.52 | 835 |
| 2009 | 5,344.83 | 267 | 317 | 5,028 | 47.50 | 106 |
| | 110,298.83 | 63,063 | 74,952 | 35,347 | | 1,537 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.0 1.39

DUKE ENERGY CAROLINAS

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-S3 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1971 | 7,875.00 | 6,188 | 7,905 | 758 | 14.28 | 53 |
| 1972 | 37,418.00 | 28,944 | 36,975 | 4,185 | 14.84 | 282 |
| 1973 | 15,508.00 | 11,798 | 15,071 | 1,988 | 15.42 | 129 |
| 1975 | 11,332.00 | 8,312 | 10,618 | 1,847 | 16.66 | 111 |
| 1976 | 413,289.00 | 297,229 | 379,696 | 74,922 | 17.31 | 4,328 |
| 1978 | 30,537.00 | 21,034 | 26,870 | 6,721 | 18.69 | 360 |
| 1979 | 325,295.00 | 218,917 | 279,656 | 78,168 | 19.41 | 4,027 |
| 1987 | 567,660.00 | 300,224 | 383,523 | 240,903 | 25.96 | 9,280 |
| 1997 | 511,606.00 | 162,977 | 208,196 | 354,571 | 35.52 | 9,982 |
| 2009 | 2,182,154.48 | 120,018 | 153,317 | 2,247,053 | 47.50 | 47,306 |
| | 4,102,674.48 | 1,175,641 | 1,501,827 | 3,011,115 | | 75,858 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.7 1.85

DUKE ENERGY CAROLINAS

ACCOUNT 359 ROADS AND TRAILS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 65-R4 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1976 | 2,044.00 | 1,082 | 1,175 | 869 | 30.58 | 28 |
| 1993 | 39,500.00 | 11,169 | 12,124 | 27,376 | 46.62 | 587 |
| 1998 | 694.00 | 144 | 156 | 538 | 51.55 | 10 |
| | 42,238.00 | 12,395 | 13,455 | 28,783 | | 625 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 46.1 1.48

DUKE ENERGY CAROLINAS

ACCOUNT 360 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 70-R3 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1906 | 8,150.00 | 7,791 | 5,093 | 3,057 | 3.08 | 993 |
| 1927 | 112.00 | 98 | 64 | 48 | 8.64 | 6 |
| 1929 | 910.00 | 790 | 516 | 394 | 9.26 | 43 |
| 1930 | 10,102.00 | 8,719 | 5,700 | 4,402 | 9.58 | 459 |
| 1931 | 732.00 | 628 | 411 | 321 | 9.91 | 32 |
| 1932 | 7,886.00 | 6,731 | 4,400 | 3,486 | 10.25 | 340 |
| 1933 | 1,985.00 | 1,684 | 1,101 | 884 | 10.61 | 83 |
| 1934 | 580.00 | 489 | 320 | 260 | 10.97 | 24 |
| 1935 | 2,501.00 | 2,095 | 1,370 | 1,131 | 11.35 | 100 |
| 1938 | 27.00 | 22 | 14 | 13 | 12.56 | 1 |
| 1941 | 1,269.00 | 1,017 | 665 | 604 | 13.89 | 43 |
| 1942 | 1,087.00 | 864 | 565 | 522 | 14.36 | 36 |
| 1947 | 3,150.00 | 2,389 | 1,562 | 1,588 | 16.91 | 94 |
| 1948 | 4,667.00 | 3,503 | 2,290 | 2,377 | 17.46 | 136 |
| 1949 | 5,431.00 | 4,032 | 2,636 | 2,795 | 18.03 | 155 |
| 1950 | 7,967.00 | 5,850 | 3,824 | 4,143 | 18.60 | 223 |
| 1951 | 2,377.00 | 1,725 | 1,128 | 1,249 | 19.19 | 65 |
| 1952 | 2,176.00 | 1,561 | 1,020 | 1,156 | 19.79 | 58 |
| 1953 | 1,326.00 | 939 | 614 | 712 | 20.41 | 35 |
| 1954 | 322.00 | 225 | 147 | 175 | 21.03 | 8 |
| 1955 | 1,231.00 | 850 | 556 | 675 | 21.67 | 31 |
| 1956 | 408.00 | 278 | 182 | 226 | 22.32 | 10 |
| 1957 | 710.00 | 477 | 312 | 398 | 22.98 | 17 |
| 1958 | 3,731.00 | 2,470 | 1,615 | 2,116 | 23.65 | 89 |
| 1959 | 2,033.00 | 1,326 | 867 | 1,166 | 24.33 | 48 |
| 1960 | 15,306.00 | 9,835 | 6,429 | 8,877 | 25.02 | 355 |
| 1961 | 160,189.00 | 101,331 | 66,243 | 93,946 | 25.72 | 3,653 |
| 1962 | 11,557.00 | 7,193 | 4,702 | 6,855 | 26.43 | 259 |
| 1963 | 15,272.00 | 9,351 | 6,113 | 9,159 | 27.14 | 337 |
| 1964 | 16,837.00 | 10,134 | 6,625 | 10,212 | 27.87 | 366 |
| 1965 | 25,179.00 | 14,888 | 9,733 | 15,446 | 28.61 | 540 |
| 1966 | 33,774.00 | 19,613 | 12,822 | 20,952 | 29.35 | 714 |
| 1967 | 43,686.00 | 24,895 | 16,275 | 27,411 | 30.11 | 910 |
| 1968 | 32,788.00 | 18,328 | 11,982 | 20,806 | 30.87 | 674 |
| 1969 | 43,043.00 | 23,588 | 15,420 | 27,623 | 31.64 | 873 |
| 1970 | 17,690.00 | 9,497 | 6,208 | 11,482 | 32.42 | 354 |
| 1971 | 11,419.00 | 6,003 | 3,924 | 7,495 | 33.20 | 226 |
| 1972 | 35,055.00 | 18,033 | 11,789 | 23,266 | 33.99 | 684 |
| 1973 | 38,717.00 | 19,475 | 12,731 | 25,986 | 34.79 | 747 |
| 1974 | 21,757.00 | 10,692 | 6,990 | 14,767 | 35.60 | 415 |
| 1975 | 35,748.00 | 17,149 | 11,211 | 24,537 | 36.42 | 674 |
| 1976 | 18,984.00 | 8,885 | 5,808 | 13,176 | 37.24 | 354 |
| 1977 | 39,287.00 | 17,920 | 11,715 | 27,572 | 38.07 | 724 |
| 1978 | 42,736.00 | 18,981 | 12,408 | 30,328 | 38.91 | 779 |
| 1979 | 44,155.00 | 19,081 | 12,474 | 31,681 | 39.75 | 797 |

DUKE ENERGY CAROLINAS

ACCOUNT 360 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 70-R3 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1980 | 69,794.00 | 29,313 | 19,163 | 50,631 | 40.60 | 1,247 |
| 1981 | 98,814.00 | 40,287 | 26,337 | 72,477 | 41.46 | 1,748 |
| 1982 | 91,518.00 | 36,189 | 23,658 | 67,860 | 42.32 | 1,603 |
| 1983 | 120,230.00 | 46,048 | 30,103 | 90,127 | 43.19 | 2,087 |
| 1984 | 117,058.00 | 43,362 | 28,347 | 88,711 | 44.07 | 2,013 |
| 1985 | 131,850.00 | 47,184 | 30,846 | 101,004 | 44.95 | 2,247 |
| 1986 | 117,197.00 | 40,449 | 26,443 | 90,754 | 45.84 | 1,980 |
| 1987 | 54,520.00 | 18,124 | 11,848 | 42,672 | 46.73 | 913 |
| 1988 | 138,605.00 | 44,294 | 28,956 | 109,649 | 47.63 | 2,302 |
| 1989 | 212,252.00 | 65,070 | 42,538 | 169,714 | 48.54 | 3,496 |
| 1990 | 115,318.00 | 33,854 | 22,131 | 93,187 | 49.45 | 1,884 |
| 1991 | 52,589.00 | 14,755 | 9,646 | 42,943 | 50.36 | 853 |
| 1992 | 30,491.00 | 8,150 | 5,328 | 25,163 | 51.29 | 491 |
| 1993 | 20,543.00 | 5,221 | 3,413 | 17,130 | 52.21 | 328 |
| 1994 | 148,839.00 | 35,849 | 23,436 | 125,403 | 53.14 | 2,360 |
| 1995 | 26,242.00 | 5,968 | 3,901 | 22,341 | 54.08 | 413 |
| 1996 | 95,255.00 | 20,385 | 13,326 | 81,929 | 55.02 | 1,489 |
| 1997 | 66,553.00 | 13,349 | 8,727 | 57,826 | 55.96 | 1,033 |
| 1998 | 13,052.00 | 2,441 | 1,596 | 11,456 | 56.91 | 201 |
| 1999 | 23,324.00 | 4,045 | 2,644 | 20,680 | 57.86 | 357 |
| 2000 | 918.00 | 147 | 96 | 822 | 58.81 | 14 |
| 2001 | 29,699.00 | 4,340 | 2,837 | 26,862 | 59.77 | 449 |
| 2002 | 333,659.00 | 44,186 | 28,886 | 304,773 | 60.73 | 5,018 |
| 2003 | 58,182.00 | 6,899 | 4,510 | 53,672 | 61.70 | 870 |
| 2004 | 271,688.00 | 28,448 | 18,597 | 253,091 | 62.67 | 4,038 |
| 2005 | 343,359.00 | 31,198 | 20,395 | 322,964 | 63.64 | 5,075 |
| 2006 | 891,865.00 | 68,674 | 44,894 | 846,971 | 64.61 | 13,109 |
| 2007 | 153,640.00 | 9,679 | 6,327 | 147,313 | 65.59 | 2,246 |
| 2008 | 702,293.65 | 34,511 | 22,561 | 679,733 | 66.56 | 10,212 |
| 2009 | 914,330.99 | 32,130 | 21,005 | 893,326 | 67.54 | 13,227 |
| 2010 | 852,800.78 | 18,028 | 11,785 | 841,016 | 68.52 | 12,274 |
| 2011 | 92,434.47 | 647 | 423 | 92,011 | 69.51 | 1,324 |
| | 7,162,962.89 | 1,274,649 | 833,277 | 6,329,686 | | 114,465 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 55.3 1.60

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1929 | 2,817.00 | 3,066 | 3,099 | | | |
| 1950 | 593.00 | 576 | 652 | | | |
| 1960 | 339,753.00 | 303,467 | 355,553 | 18,175 | 9.40 | 1,934 |
| 1961 | 38,555.00 | 34,056 | 39,901 | 2,510 | 9.85 | 255 |
| 1962 | 78,705.88 | 68,707 | 80,500 | 6,076 | 10.32 | 589 |
| 1963 | 66,940.00 | 57,714 | 67,620 | 6,014 | 10.81 | 556 |
| 1964 | 47,854.00 | 40,722 | 47,711 | 4,928 | 11.32 | 435 |
| 1965 | 103,634.00 | 86,980 | 101,909 | 12,088 | 11.85 | 1,020 |
| 1966 | 136,725.00 | 113,129 | 132,546 | 17,852 | 12.39 | 1,441 |
| 1967 | 130,965.00 | 106,721 | 125,038 | 19,024 | 12.96 | 1,468 |
| 1968 | 186,476.00 | 149,576 | 175,249 | 29,875 | 13.54 | 2,206 |
| 1969 | 142,924.00 | 112,756 | 132,109 | 25,107 | 14.14 | 1,776 |
| 1970 | 144,497.00 | 112,057 | 131,290 | 27,657 | 14.75 | 1,875 |
| 1971 | 182,998.00 | 139,338 | 163,254 | 38,044 | 15.39 | 2,472 |
| 1972 | 252,149.00 | 188,441 | 220,784 | 56,580 | 16.03 | 3,530 |
| 1973 | 143,825.00 | 105,366 | 123,451 | 34,756 | 16.70 | 2,081 |
| 1974 | 288,638.00 | 207,138 | 242,690 | 74,812 | 17.38 | 4,304 |
| 1975 | 251,936.00 | 176,975 | 207,350 | 69,780 | 18.07 | 3,862 |
| 1976 | 558,832.00 | 383,951 | 449,851 | 164,864 | 18.77 | 8,783 |
| 1977 | 102,760.00 | 68,975 | 80,814 | 32,222 | 19.49 | 1,653 |
| 1978 | 268,750.00 | 176,074 | 206,295 | 89,330 | 20.22 | 4,418 |
| 1979 | 782,655.00 | 499,850 | 585,643 | 275,278 | 20.97 | 13,127 |
| 1980 | 460,305.00 | 286,383 | 335,537 | 170,798 | 21.72 | 7,864 |
| 1981 | 738,224.00 | 446,788 | 523,473 | 288,573 | 22.49 | 12,831 |
| 1982 | 423,640.00 | 249,219 | 291,994 | 174,010 | 23.26 | 7,481 |
| 1983 | 567,879.00 | 324,202 | 379,847 | 244,820 | 24.05 | 10,180 |
| 1984 | 396,593.00 | 219,435 | 257,098 | 179,154 | 24.85 | 7,209 |
| 1985 | 732,718.00 | 392,356 | 459,699 | 346,291 | 25.66 | 13,495 |
| 1986 | 681,126.00 | 352,442 | 412,934 | 336,305 | 26.48 | 12,700 |
| 1987 | 212,583.00 | 106,117 | 124,331 | 109,510 | 27.31 | 4,010 |
| 1988 | 960,632.00 | 461,776 | 541,034 | 515,661 | 28.15 | 18,318 |
| 1989 | 1,376,390.00 | 635,892 | 745,034 | 768,995 | 29.00 | 26,517 |
| 1990 | 1,463,185.00 | 648,308 | 759,581 | 849,922 | 29.86 | 28,464 |
| 1991 | 572,262.00 | 242,605 | 284,245 | 345,243 | 30.73 | 11,235 |
| 1992 | 1,046,574.00 | 423,653 | 496,367 | 654,864 | 31.60 | 20,724 |
| 1993 | 790,176.00 | 304,392 | 356,637 | 512,557 | 32.49 | 15,776 |
| 1994 | 1,257,216.00 | 459,688 | 538,587 | 844,351 | 33.38 | 25,295 |
| 1995 | 242,301.00 | 83,797 | 98,180 | 168,351 | 34.28 | 4,911 |
| 1996 | 516,976.00 | 168,441 | 197,352 | 371,322 | 35.19 | 10,552 |
| 1997 | 535,652.00 | 163,685 | 191,779 | 397,438 | 36.11 | 11,006 |
| 1998 | 479,015.00 | 136,682 | 160,142 | 366,774 | 37.03 | 9,905 |
| 1999 | 177,466.00 | 47,007 | 55,075 | 140,138 | 37.96 | 3,692 |
| 2000 | 322,819.00 | 78,903 | 92,446 | 262,655 | 38.89 | 6,754 |
| 2001 | 134,183.00 | 29,993 | 35,141 | 112,460 | 39.84 | 2,823 |
| 2002 | 2,230,653.00 | 452,466 | 530,126 | 1,923,592 | 40.78 | 47,170 |

DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2003 | 947,496.00 | 172,179 | 201,731 | 840,515 | 41.74 | 20,137 |
| 2004 | 1,603,553.00 | 257,883 | 302,145 | 1,461,763 | 42.69 | 34,241 |
| 2005 | 3,678,921.00 | 513,136 | 601,209 | 3,445,604 | 43.66 | 78,919 |
| 2006 | 4,178,004.00 | 494,509 | 579,385 | 4,016,419 | 44.62 | 90,014 |
| 2007 | 4,380,793.00 | 425,025 | 497,975 | 4,320,897 | 45.59 | 94,777 |
| 2008 | 4,816,696.98 | 363,468 | 425,852 | 4,872,515 | 46.57 | 104,628 |
| 2009 | 8,718,300.66 | 471,834 | 552,818 | 9,037,313 | 47.54 | 190,099 |
| 2010 | 1,956,494.12 | 63,703 | 74,637 | 2,077,507 | 48.52 | 42,818 |
| 2011 | 735,964.02 | 7,934 | 9,296 | 800,264 | 49.51 | 16,164 |
| | 51,587,772.66 | 12,619,536 | 14,784,996 | 41,961,554 | | 1,048,494 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.0 2.03

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R0.5 | | | | | | |
| NET SALVAGE PERCENT.. -15 | | | | | | |
| 1926 | 5,652.00 | 6,500 | 6,500 | | | |
| 1929 | 1,312.00 | 1,509 | 1,509 | | | |
| 1930 | 1,007.00 | 1,158 | 1,158 | | | |
| 1932 | 1,922.00 | 2,196 | 2,210 | | | |
| 1933 | 753.00 | 850 | 866 | | | |
| 1934 | 1,088.00 | 1,213 | 1,251 | | | |
| 1935 | 622.00 | 685 | 715 | | | |
| 1936 | 127.00 | 138 | 146 | | | |
| 1938 | 250.00 | 265 | 288 | | | |
| 1939 | 217.00 | 227 | 250 | | | |
| 1940 | 415.00 | 430 | 477 | | | |
| 1941 | 1,266.00 | 1,295 | 1,456 | | | |
| 1942 | 19,543.00 | 19,755 | 22,474 | | | |
| 1943 | 3,373.00 | 3,369 | 3,879 | | | |
| 1945 | 1,962.00 | 1,914 | 2,256 | | | |
| 1946 | 657.00 | 633 | 756 | | | |
| 1947 | 150.00 | 143 | 172 | | | |
| 1948 | 5,216.00 | 4,908 | 5,998 | | | |
| 1949 | 6,707.00 | 6,234 | 7,713 | | | |
| 1950 | 2,736.00 | 2,512 | 3,146 | | | |
| 1952 | 5,419.00 | 4,853 | 6,232 | | | |
| 1953 | 302.00 | 267 | 347 | | | |
| 1954 | 8,185.00 | 7,142 | 9,413 | | | |
| 1955 | 5,312.00 | 4,572 | 6,109 | | | |
| 1956 | 4,998.00 | 4,245 | 5,748 | | | |
| 1957 | 37,974.00 | 31,803 | 43,670 | | | |
| 1958 | 16,179.00 | 13,359 | 18,606 | | | |
| 1959 | 4,270.00 | 3,475 | 4,910 | | | |
| 1960 | 12,730,157.65 | 10,207,518 | 14,639,681 | | | |
| 1961 | 1,876,263.42 | 1,481,802 | 2,157,703 | | | |
| 1962 | 1,792,909.87 | 1,393,808 | 2,061,846 | | | |
| 1963 | 3,290,426.74 | 2,517,300 | 3,783,991 | | | |
| 1964 | 2,449,624.95 | 1,843,067 | 2,817,069 | | | |
| 1965 | 5,646,360.69 | 4,176,825 | 6,493,315 | | | |
| 1966 | 5,130,755.82 | 3,729,033 | 5,900,369 | | | |
| 1967 | 7,564,425.82 | 5,399,960 | 8,699,090 | | | |
| 1968 | 9,310,152.17 | 6,523,042 | 10,515,058 | 191,617 | 15.63 | 12,260 |
| 1969 | 13,358,170.97 | 9,182,574 | 14,802,188 | 559,709 | 16.09 | 34,786 |
| 1970 | 9,547,754.68 | 6,434,232 | 10,371,897 | 608,021 | 16.56 | 36,716 |
| 1971 | 9,601,524.87 | 6,340,727 | 10,221,168 | 820,586 | 17.03 | 48,185 |
| 1972 | 18,273,961.68 | 11,815,715 | 19,046,777 | 1,968,279 | 17.51 | 112,409 |
| 1973 | 8,842,270.85 | 5,592,736 | 9,015,417 | 1,153,194 | 18.00 | 64,066 |
| 1974 | 15,260,686.79 | 9,437,399 | 15,212,963 | 2,336,827 | 18.49 | 126,383 |
| 1975 | 16,118,209.31 | 9,740,637 | 15,701,779 | 2,834,162 | 18.98 | 149,324 |
| 1976 | 10,578,626.41 | 6,237,819 | 10,055,282 | 2,110,138 | 19.49 | 108,268 |

DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R0.5 | | | | | | |
| NET SALVAGE PERCENT.. -15 | | | | | | |
| 1977 | 4,951,791.02 | 2,847,280 | 4,589,778 | 1,104,782 | 20.00 | 55,239 |
| 1978 | 4,340,605.19 | 2,432,204 | 3,920,681 | 1,071,015 | 20.51 | 52,219 |
| 1979 | 6,761,242.73 | 3,687,497 | 5,944,197 | 1,831,232 | 21.03 | 87,077 |
| 1980 | 7,469,802.06 | 3,960,116 | 6,383,655 | 2,206,617 | 21.56 | 102,348 |
| 1981 | 9,080,426.89 | 4,675,625 | 7,537,046 | 2,905,445 | 22.09 | 131,528 |
| 1982 | 8,972,261.00 | 4,483,215 | 7,226,884 | 3,091,216 | 22.62 | 136,659 |
| 1983 | 8,276,923.50 | 4,004,893 | 6,455,835 | 3,062,627 | 23.17 | 132,181 |
| 1984 | 8,930,470.94 | 4,182,474 | 6,742,093 | 3,527,949 | 23.71 | 148,796 |
| 1985 | 13,377,014.10 | 6,053,433 | 9,758,054 | 5,625,512 | 24.26 | 231,884 |
| 1986 | 15,219,627.99 | 6,642,226 | 10,707,181 | 6,795,391 | 24.82 | 273,787 |
| 1987 | 11,329,758.89 | 4,762,181 | 7,676,573 | 5,352,650 | 25.38 | 210,900 |
| 1988 | 16,867,085.41 | 6,813,248 | 10,982,866 | 8,414,282 | 25.95 | 324,250 |
| 1989 | 21,786,495.95 | 8,443,357 | 13,610,580 | 11,443,890 | 26.52 | 431,519 |
| 1990 | 27,169,685.57 | 10,084,368 | 16,255,868 | 14,989,270 | 27.09 | 553,314 |
| 1991 | 15,727,383.40 | 5,575,161 | 8,987,086 | 9,099,405 | 27.67 | 328,855 |
| 1992 | 18,766,831.78 | 6,339,670 | 10,219,465 | 11,362,392 | 28.25 | 402,209 |
| 1993 | 14,069,808.79 | 4,518,343 | 7,283,509 | 8,896,771 | 28.83 | 308,594 |
| 1994 | 12,287,878.28 | 3,737,665 | 6,025,067 | 8,105,993 | 29.42 | 275,527 |
| 1995 | 8,864,582.08 | 2,546,019 | 4,104,149 | 6,090,120 | 30.01 | 202,936 |
| 1996 | 12,239,462.29 | 3,307,715 | 5,331,993 | 8,743,389 | 30.60 | 285,732 |
| 1997 | 12,278,894.94 | 3,110,091 | 5,013,426 | 9,107,303 | 31.19 | 291,994 |
| 1998 | 13,269,219.00 | 3,132,033 | 5,048,796 | 10,210,806 | 31.79 | 321,196 |
| 1999 | 10,253,812.43 | 2,243,406 | 3,616,341 | 8,175,543 | 32.39 | 252,409 |
| 2000 | 31,359,539.67 | 6,320,123 | 10,187,955 | 25,875,516 | 32.99 | 784,344 |
| 2001 | 30,512,184.61 | 5,623,014 | 9,064,224 | 26,024,788 | 33.59 | 774,778 |
| 2002 | 48,820,234.81 | 8,154,810 | 13,145,446 | 42,997,824 | 34.19 | 1,257,614 |
| 2003 | 31,861,948.17 | 4,772,522 | 7,693,243 | 28,947,997 | 34.79 | 832,078 |
| 2004 | 32,780,765.86 | 4,335,256 | 6,988,376 | 30,709,505 | 35.40 | 867,500 |
| 2005 | 53,629,134.29 | 6,167,350 | 9,941,687 | 51,731,817 | 36.00 | 1,436,995 |
| 2006 | 70,229,095.23 | 6,844,703 | 11,033,571 | 69,729,889 | 36.61 | 1,904,668 |
| 2007 | 50,568,189.95 | 4,041,663 | 6,515,107 | 51,638,311 | 37.22 | 1,387,381 |
| 2008 | 75,422,988.17 | 4,683,768 | 7,550,172 | 79,186,264 | 37.84 | 2,092,660 |
| 2009 | 48,723,440.81 | 2,171,238 | 3,500,007 | 52,531,950 | 38.45 | 1,366,241 |
| 2010 | 55,189,494.26 | 1,475,629 | 2,378,695 | 61,089,223 | 39.07 | 1,563,584 |
| 2011 | 74,395,196.90 | 663,047 | 1,068,823 | 84,485,653 | 39.69 | 2,128,638 |
| | 1,037,293,173.65 | 265,015,187 | 424,142,277 | 768,744,873 | | 22,630,031 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.0 2.18

DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| NET SALVAGE PERCENT.. -25 | | | | | | |
| 1960 | 5,196,922.98 | 5,105,977 | 6,496,154 | | | |
| 1961 | 612,036.80 | 594,525 | 765,046 | | | |
| 1962 | 1,266,090.51 | 1,215,447 | 1,582,613 | | | |
| 1963 | 2,258,581.23 | 2,141,897 | 2,823,227 | | | |
| 1964 | 2,928,104.97 | 2,741,036 | 3,660,131 | | | |
| 1965 | 1,800,678.78 | 1,663,129 | 2,250,848 | | | |
| 1966 | 3,432,772.32 | 3,126,698 | 4,290,965 | | | |
| 1967 | 3,736,023.69 | 3,353,081 | 4,670,030 | | | |
| 1968 | 2,039,078.79 | 1,802,316 | 2,516,366 | 32,482 | 13.18 | 2,464 |
| 1969 | 5,336,617.73 | 4,642,857 | 6,482,286 | 188,486 | 13.68 | 13,778 |
| 1970 | 3,815,898.71 | 3,265,789 | 4,559,645 | 210,228 | 14.19 | 14,815 |
| 1971 | 8,366,296.47 | 7,036,997 | 9,824,947 | 632,924 | 14.72 | 42,998 |
| 1972 | 8,286,380.31 | 6,845,482 | 9,557,557 | 800,418 | 15.26 | 52,452 |
| 1973 | 9,665,337.23 | 7,834,239 | 10,938,044 | 1,143,628 | 15.82 | 72,290 |
| 1974 | 14,461,401.90 | 11,492,838 | 16,046,124 | 2,030,628 | 16.39 | 123,894 |
| 1975 | 6,004,839.63 | 4,675,443 | 6,527,782 | 978,268 | 16.97 | 57,647 |
| 1976 | 10,075,404.86 | 7,679,725 | 10,722,314 | 1,871,942 | 17.56 | 106,603 |
| 1977 | 12,371,717.00 | 9,223,734 | 12,878,036 | 2,586,610 | 18.16 | 142,434 |
| 1978 | 10,823,434.63 | 7,883,113 | 11,006,282 | 2,523,011 | 18.78 | 134,346 |
| 1979 | 15,531,983.90 | 11,040,717 | 15,414,880 | 4,000,100 | 19.41 | 206,084 |
| 1980 | 14,910,799.93 | 10,333,930 | 14,428,075 | 4,210,425 | 20.05 | 209,996 |
| 1981 | 19,118,960.65 | 12,905,298 | 18,018,179 | 5,880,522 | 20.70 | 284,083 |
| 1982 | 21,799,413.99 | 14,308,863 | 19,977,815 | 7,271,452 | 21.37 | 340,264 |
| 1983 | 24,751,939.48 | 15,786,168 | 22,040,406 | 8,899,518 | 22.04 | 403,789 |
| 1984 | 27,980,737.55 | 17,309,234 | 24,166,887 | 10,809,035 | 22.73 | 475,540 |
| 1985 | 27,844,598.18 | 16,691,444 | 23,304,338 | 11,501,410 | 23.42 | 491,094 |
| 1986 | 34,328,027.90 | 19,900,816 | 27,785,214 | 15,124,821 | 24.13 | 626,806 |
| 1987 | 37,054,936.57 | 20,750,764 | 28,971,899 | 17,346,772 | 24.84 | 698,340 |
| 1988 | 47,207,345.21 | 25,478,984 | 35,573,367 | 23,435,815 | 25.57 | 916,536 |
| 1989 | 49,826,753.68 | 25,882,507 | 36,136,760 | 26,146,682 | 26.30 | 994,170 |
| 1990 | 76,054,734.96 | 37,921,842 | 52,945,895 | 42,122,524 | 27.05 | 1,557,210 |
| 1991 | 50,283,436.51 | 24,024,169 | 33,542,176 | 29,312,120 | 27.80 | 1,054,393 |
| 1992 | 38,843,816.62 | 17,727,832 | 24,751,327 | 23,803,444 | 28.57 | 833,162 |
| 1993 | 40,072,754.51 | 17,431,648 | 24,337,800 | 25,753,143 | 29.34 | 877,749 |
| 1994 | 22,742,705.35 | 9,400,413 | 13,124,713 | 15,303,669 | 30.12 | 508,090 |
| 1995 | 21,555,668.12 | 8,436,619 | 11,779,078 | 15,165,507 | 30.91 | 490,634 |
| 1996 | 22,074,989.50 | 8,149,258 | 11,377,869 | 16,215,868 | 31.71 | 511,380 |
| 1997 | 19,519,128.87 | 6,772,162 | 9,455,189 | 14,943,722 | 32.51 | 459,665 |
| 1998 | 18,946,817.67 | 6,147,295 | 8,582,759 | 15,100,763 | 33.32 | 453,204 |
| 1999 | 19,747,865.94 | 5,951,760 | 8,309,756 | 16,375,076 | 34.15 | 479,504 |
| 2000 | 67,433,581.52 | 18,769,294 | 26,205,400 | 58,086,577 | 34.98 | 1,660,565 |
| 2001 | 30,030,367.72 | 7,666,002 | 10,703,155 | 26,834,805 | 35.81 | 749,366 |
| 2002 | 23,110,751.20 | 5,353,894 | 7,475,025 | 21,413,414 | 36.66 | 584,108 |
| 2003 | 25,124,534.53 | 5,227,159 | 7,298,079 | 24,107,589 | 37.51 | 642,698 |
| 2004 | 40,332,350.46 | 7,439,302 | 10,386,639 | 40,028,799 | 38.36 | 1,043,504 |

DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| NET SALVAGE PERCENT.. -25 | | | | | | |
| 2005 | 45,394,152.18 | 7,275,548 | 10,158,009 | 46,584,681 | 39.23 | 1,187,476 |
| 2006 | 43,714,153.77 | 5,950,043 | 8,307,359 | 46,335,333 | 40.10 | 1,155,495 |
| 2007 | 42,170,832.42 | 4,708,901 | 6,574,495 | 46,139,046 | 40.98 | 1,125,892 |
| 2008 | 43,765,723.28 | 3,817,465 | 5,329,886 | 49,377,268 | 41.86 | 1,179,581 |
| 2009 | 36,481,603.93 | 2,280,100 | 3,183,441 | 42,418,564 | 42.75 | 992,247 |
| 2010 | 38,775,991.82 | 1,454,100 | 2,030,192 | 46,439,798 | 43.65 | 1,063,913 |
| 2011 | 31,877,659.40 | 398,471 | 556,339 | 39,290,735 | 44.55 | 881,947 |
| | 1,230,886,735.86 | 495,016,325 | 689,830,798 | 848,777,622 | | 25,902,206 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.8 2.10

DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 44-R0.5 | | | | | | |
| NET SALVAGE PERCENT.. -25 | | | | | | |
| 1960 | 13,372,093.04 | 10,811,672 | 16,715,116 | | | |
| 1961 | 2,656,807.07 | 2,114,121 | 3,321,009 | | | |
| 1962 | 2,771,562.61 | 2,169,995 | 3,464,453 | | | |
| 1963 | 2,926,281.69 | 2,253,749 | 3,657,852 | | | |
| 1964 | 3,114,732.29 | 2,358,164 | 3,893,415 | | | |
| 1965 | 1,341,070.36 | 997,807 | 1,676,338 | | | |
| 1966 | 3,242,748.03 | 2,369,435 | 4,053,435 | | | |
| 1967 | 3,857,123.20 | 2,765,750 | 4,821,404 | | | |
| 1968 | 2,186,494.30 | 1,538,007 | 2,733,118 | | | |
| 1969 | 4,781,745.63 | 3,298,329 | 5,974,008 | 3,174 | 19.72 | 161 |
| 1970 | 3,347,385.53 | 2,262,331 | 4,097,585 | 86,647 | 20.21 | 4,287 |
| 1971 | 7,210,817.45 | 4,771,037 | 8,641,410 | 372,112 | 20.71 | 17,968 |
| 1972 | 5,916,908.41 | 3,830,828 | 6,938,482 | 457,654 | 21.21 | 21,577 |
| 1973 | 8,943,201.76 | 5,663,171 | 10,257,263 | 921,739 | 21.71 | 42,457 |
| 1974 | 11,918,562.13 | 7,371,184 | 13,350,855 | 1,547,348 | 22.23 | 69,606 |
| 1975 | 3,134,771.34 | 1,893,324 | 3,429,231 | 489,233 | 22.74 | 21,514 |
| 1976 | 5,818,646.46 | 3,428,346 | 6,209,498 | 1,063,810 | 23.26 | 45,736 |
| 1977 | 8,295,163.82 | 4,762,668 | 8,626,252 | 1,742,703 | 23.79 | 73,254 |
| 1978 | 6,607,688.70 | 3,694,276 | 6,691,156 | 1,568,455 | 24.32 | 64,492 |
| 1979 | 10,961,515.66 | 5,960,324 | 10,795,474 | 2,906,421 | 24.86 | 116,912 |
| 1980 | 6,762,863.77 | 3,573,582 | 6,472,552 | 1,981,028 | 25.40 | 77,993 |
| 1981 | 11,705,702.31 | 6,002,538 | 10,871,932 | 3,760,196 | 25.95 | 144,902 |
| 1982 | 13,266,435.10 | 6,595,574 | 11,946,053 | 4,636,991 | 26.50 | 174,981 |
| 1983 | 15,579,017.61 | 7,501,881 | 13,587,576 | 5,886,196 | 27.05 | 217,604 |
| 1984 | 17,097,982.07 | 7,961,248 | 14,419,592 | 6,952,886 | 27.61 | 251,825 |
| 1985 | 16,245,788.29 | 7,305,934 | 13,232,673 | 7,074,562 | 28.17 | 251,138 |
| 1986 | 19,769,386.42 | 8,570,523 | 15,523,125 | 9,188,608 | 28.74 | 319,715 |
| 1987 | 20,751,041.58 | 8,659,928 | 15,685,057 | 10,253,745 | 29.31 | 349,838 |
| 1988 | 31,170,168.77 | 12,494,562 | 22,630,433 | 16,332,278 | 29.89 | 546,413 |
| 1989 | 32,983,235.14 | 12,687,414 | 22,979,731 | 18,249,313 | 30.46 | 599,124 |
| 1990 | 52,412,865.57 | 19,282,693 | 34,925,249 | 30,590,833 | 31.05 | 985,212 |
| 1991 | 34,202,135.03 | 12,019,485 | 21,769,963 | 20,982,706 | 31.63 | 663,380 |
| 1992 | 26,226,327.39 | 8,776,968 | 15,897,043 | 16,885,866 | 32.22 | 524,080 |
| 1993 | 25,198,862.46 | 8,017,963 | 14,522,316 | 16,976,262 | 32.80 | 517,569 |
| 1994 | 33,597,072.74 | 10,126,998 | 18,342,248 | 23,654,093 | 33.39 | 708,418 |
| 1995 | 39,935,345.58 | 11,356,614 | 20,569,356 | 29,349,826 | 33.99 | 863,484 |
| 1996 | 51,075,990.69 | 13,668,574 | 24,756,830 | 39,088,158 | 34.58 | 1,130,369 |
| 1997 | 61,689,486.04 | 15,457,072 | 27,996,198 | 49,115,660 | 35.18 | 1,396,125 |
| 1998 | 56,410,505.59 | 13,189,481 | 23,889,086 | 46,624,046 | 35.77 | 1,303,440 |
| 1999 | 57,314,352.39 | 12,423,602 | 22,501,909 | 49,141,031 | 36.37 | 1,351,142 |
| 2000 | 95,551,763.49 | 19,082,882 | 34,563,347 | 84,876,357 | 36.97 | 2,295,817 |
| 2001 | 100,364,085.34 | 18,305,155 | 33,154,711 | 92,300,396 | 37.58 | 2,456,104 |
| 2002 | 81,182,270.58 | 13,422,474 | 24,311,088 | 77,166,750 | 38.18 | 2,021,130 |
| 2003 | 64,990,234.88 | 9,638,052 | 17,456,658 | 63,781,136 | 38.78 | 1,644,691 |
| 2004 | 74,871,366.53 | 9,805,341 | 17,759,655 | 75,829,553 | 39.39 | 1,925,097 |

DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 44-R0.5 | | | | | | |
| NET SALVAGE PERCENT.. -25 | | | | | | |
| 2005 | 84,504,323.44 | 9,602,860 | 17,392,917 | 88,237,487 | 40.00 | 2,205,937 |
| 2006 | 76,297,751.27 | 7,348,427 | 13,309,637 | 82,062,552 | 40.61 | 2,020,747 |
| 2007 | 73,246,636.82 | 5,784,653 | 10,477,295 | 81,081,001 | 41.22 | 1,967,031 |
| 2008 | 75,740,831.73 | 4,647,647 | 8,417,923 | 86,258,117 | 41.84 | 2,061,618 |
| 2009 | 63,167,596.03 | 2,781,743 | 5,038,356 | 73,921,139 | 42.45 | 1,741,370 |
| 2010 | 54,510,543.03 | 1,440,441 | 2,608,959 | 65,529,220 | 43.07 | 1,521,459 |
| 2011 | 32,294,700.47 | 284,597 | 515,469 | 39,852,907 | 43.69 | 912,175 |
| | 1,612,521,987.63 | 382,131,424 | 686,872,291 | 1,328,780,194 | | 35,627,892 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.3 2.21

DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1960 | 393,153.77 | 383,089 | 446,956 | 24,829 | 9.40 | 2,641 |
| 1961 | 35,079.30 | 33,802 | 39,437 | 2,658 | 9.85 | 270 |
| 1962 | 77,058.87 | 73,385 | 85,619 | 6,852 | 10.32 | 664 |
| 1963 | 31,346.61 | 29,483 | 34,398 | 3,218 | 10.81 | 298 |
| 1964 | 74,413.21 | 69,079 | 80,595 | 8,701 | 11.32 | 769 |
| 1965 | 120,511.05 | 110,340 | 128,735 | 15,878 | 11.85 | 1,340 |
| 1966 | 570,028.92 | 514,531 | 600,311 | 83,724 | 12.39 | 6,757 |
| 1967 | 130,959.23 | 116,418 | 135,827 | 21,324 | 12.96 | 1,645 |
| 1968 | 142,809.28 | 124,964 | 145,797 | 25,574 | 13.54 | 1,889 |
| 1969 | 11,565,537.47 | 9,953,764 | 11,613,203 | 2,265,442 | 14.14 | 160,215 |
| 1970 | 670,882.13 | 567,566 | 662,188 | 142,871 | 14.75 | 9,686 |
| 1971 | 141,243.72 | 117,323 | 136,882 | 32,610 | 15.39 | 2,119 |
| 1972 | 280,202.54 | 228,444 | 266,529 | 69,714 | 16.03 | 4,349 |
| 1973 | 618,693.17 | 494,460 | 576,894 | 165,538 | 16.70 | 9,912 |
| 1974 | 108,364.00 | 84,836 | 98,979 | 31,058 | 17.38 | 1,787 |
| 1975 | 392,850.76 | 301,049 | 351,238 | 120,183 | 18.07 | 6,651 |
| 1976 | 497,389.24 | 372,803 | 434,955 | 161,912 | 18.77 | 8,626 |
| 1977 | 2,325,210.82 | 1,702,612 | 1,986,462 | 803,791 | 19.49 | 41,241 |
| 1978 | 601,059.62 | 429,589 | 501,208 | 220,064 | 20.22 | 10,883 |
| 1979 | 793,646.11 | 552,949 | 645,134 | 307,241 | 20.97 | 14,651 |
| 1980 | 928,987.63 | 630,522 | 735,639 | 379,146 | 21.72 | 17,456 |
| 1981 | 977,292.99 | 645,248 | 752,820 | 419,932 | 22.49 | 18,672 |
| 1982 | 956,839.50 | 614,061 | 716,434 | 431,773 | 23.26 | 18,563 |
| 1983 | 1,235,287.68 | 769,337 | 897,597 | 584,748 | 24.05 | 24,314 |
| 1984 | 2,807,431.89 | 1,694,566 | 1,977,075 | 1,391,843 | 24.85 | 56,010 |
| 1985 | 3,704,351.83 | 2,163,934 | 2,524,694 | 1,920,528 | 25.66 | 74,845 |
| 1986 | 6,006,648.98 | 3,390,633 | 3,955,901 | 3,252,078 | 26.48 | 122,813 |
| 1987 | 9,257,897.89 | 5,041,481 | 5,881,970 | 5,227,507 | 27.31 | 191,414 |
| 1988 | 14,124,092.31 | 7,406,674 | 8,641,476 | 8,307,435 | 28.15 | 295,113 |
| 1989 | 14,382,884.70 | 7,248,974 | 8,457,485 | 8,801,977 | 29.00 | 303,516 |
| 1990 | 20,307,962.25 | 9,816,057 | 11,452,538 | 12,917,017 | 29.86 | 432,586 |
| 1991 | 12,286,669.68 | 5,682,339 | 6,629,669 | 8,114,335 | 30.73 | 264,053 |
| 1992 | 8,560,733.33 | 3,780,420 | 4,410,672 | 5,862,208 | 31.60 | 185,513 |
| 1993 | 5,500,089.59 | 2,311,358 | 2,696,695 | 3,903,413 | 32.49 | 120,142 |
| 1994 | 2,686,900.33 | 1,071,751 | 1,250,428 | 1,973,852 | 33.38 | 59,133 |
| 1995 | 1,774,540.68 | 669,499 | 781,114 | 1,348,335 | 34.28 | 39,333 |
| 1996 | 1,361,196.08 | 483,824 | 564,485 | 1,068,950 | 35.19 | 30,377 |
| 1997 | 2,163,420.15 | 721,198 | 841,432 | 1,754,672 | 36.11 | 48,592 |
| 1998 | 2,783,282.26 | 866,380 | 1,010,818 | 2,329,121 | 37.03 | 62,898 |
| 1999 | 2,752,339.47 | 795,316 | 927,907 | 2,374,900 | 37.96 | 62,563 |
| 2000 | 3,971,300.45 | 1,058,908 | 1,235,444 | 3,530,117 | 38.89 | 90,772 |
| 2001 | 3,339,315.53 | 814,259 | 950,008 | 3,057,171 | 39.84 | 76,736 |
| 2002 | 2,119,374.35 | 468,975 | 547,160 | 1,996,089 | 40.78 | 48,948 |
| 2003 | 1,703,926.22 | 337,786 | 394,100 | 1,650,611 | 41.74 | 39,545 |
| 2004 | 2,057,297.03 | 360,932 | 421,105 | 2,047,651 | 42.69 | 47,966 |

DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2005 | 3,186,662.19 | 484,883 | 565,720 | 3,258,275 | 43.66 | 74,628 |
| 2006 | 2,564,798.66 | 331,167 | 386,377 | 2,691,381 | 44.62 | 60,318 |
| 2007 | 4,468,988.45 | 472,998 | 551,854 | 4,810,932 | 45.59 | 105,526 |
| 2008 | 4,287,968.26 | 352,986 | 411,834 | 4,733,728 | 46.57 | 101,648 |
| 2009 | 6,803,775.10 | 401,695 | 468,663 | 7,695,867 | 47.54 | 161,882 |
| 2010 | 10,664,856.96 | 378,816 | 441,970 | 12,355,858 | 48.52 | 254,655 |
| 2011 | 22,301,033.12 | 262,260 | 305,983 | 26,455,257 | 49.51 | 534,342 |
| | 201,598,585.36 | 77,789,723 | 90,758,414 | 151,159,888 | | 4,311,265 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.1 2.14

DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 1960 | 67,728.83 | 65,995 | 79,945 | 1,330 | 9.40 | 141 |
| 1962 | 10,385.05 | 9,890 | 11,981 | 481 | 10.32 | 47 |
| 1963 | 12,140.08 | 11,418 | 13,832 | 736 | 10.81 | 68 |
| 1964 | 62,172.58 | 57,716 | 69,916 | 4,691 | 11.32 | 414 |
| 1965 | 39,852.48 | 36,489 | 44,202 | 3,621 | 11.85 | 306 |
| 1966 | 345,631.27 | 311,981 | 377,929 | 36,829 | 12.39 | 2,972 |
| 1967 | 215,342.33 | 191,431 | 231,896 | 26,515 | 12.96 | 2,046 |
| 1968 | 246,800.90 | 215,961 | 261,612 | 34,549 | 13.54 | 2,552 |
| 1969 | 6,333,372.17 | 5,450,753 | 6,602,953 | 997,094 | 14.14 | 70,516 |
| 1970 | 1,826,551.87 | 1,545,263 | 1,871,906 | 319,956 | 14.75 | 21,692 |
| 1971 | 2,693,131.98 | 2,237,023 | 2,709,893 | 521,865 | 15.39 | 33,909 |
| 1972 | 645,424.18 | 526,201 | 637,431 | 137,078 | 16.03 | 8,551 |
| 1973 | 3,552,719.73 | 2,839,334 | 3,439,523 | 823,741 | 16.70 | 49,326 |
| 1974 | 5,796,233.65 | 4,537,755 | 5,496,962 | 1,458,518 | 17.38 | 83,919 |
| 1975 | 1,390,854.93 | 1,065,840 | 1,291,141 | 377,885 | 18.07 | 20,912 |
| 1976 | 3,870,731.47 | 2,901,191 | 3,514,455 | 1,130,423 | 18.77 | 60,225 |
| 1977 | 5,453,985.39 | 3,993,626 | 4,837,813 | 1,706,969 | 19.49 | 87,582 |
| 1978 | 4,423,094.76 | 3,161,274 | 3,829,515 | 1,478,199 | 20.22 | 73,106 |
| 1979 | 8,579,747.36 | 5,977,682 | 7,241,266 | 3,054,431 | 20.97 | 145,657 |
| 1980 | 9,835,545.34 | 6,675,581 | 8,086,689 | 3,715,965 | 21.72 | 171,085 |
| 1981 | 10,731,211.16 | 7,085,175 | 8,582,865 | 4,294,588 | 22.49 | 190,955 |
| 1982 | 12,330,847.48 | 7,913,445 | 9,586,217 | 5,210,800 | 23.26 | 224,024 |
| 1983 | 12,943,038.23 | 8,060,924 | 9,764,871 | 5,766,775 | 24.05 | 239,783 |
| 1984 | 14,882,801.94 | 8,983,259 | 10,882,173 | 6,977,189 | 24.85 | 280,772 |
| 1985 | 17,070,778.36 | 9,972,066 | 12,079,997 | 8,404,937 | 25.66 | 327,550 |
| 1986 | 27,088,279.88 | 15,290,792 | 18,523,015 | 13,982,921 | 26.48 | 528,056 |
| 1987 | 27,615,425.04 | 15,038,256 | 18,217,097 | 14,921,413 | 27.31 | 546,372 |
| 1988 | 48,856,701.66 | 25,620,454 | 31,036,198 | 27,591,844 | 28.15 | 980,172 |
| 1989 | 40,179,315.48 | 20,250,375 | 24,530,972 | 23,684,207 | 29.00 | 816,697 |
| 1990 | 57,026,111.26 | 27,564,141 | 33,390,748 | 35,040,586 | 29.86 | 1,173,496 |
| 1991 | 67,899,047.15 | 31,401,951 | 38,039,808 | 43,439,049 | 30.73 | 1,413,571 |
| 1992 | 55,819,742.75 | 24,649,998 | 29,860,603 | 37,123,088 | 31.60 | 1,174,781 |
| 1993 | 50,839,120.35 | 21,364,632 | 25,880,765 | 35,126,179 | 32.49 | 1,081,138 |
| 1994 | 35,480,440.00 | 14,152,438 | 17,144,031 | 25,432,497 | 33.38 | 761,908 |
| 1995 | 36,507,006.73 | 13,773,363 | 16,684,826 | 27,123,582 | 34.28 | 791,236 |
| 1996 | 33,603,808.17 | 11,944,138 | 14,468,933 | 25,855,637 | 35.19 | 734,744 |
| 1997 | 37,139,806.75 | 12,380,926 | 14,998,051 | 29,569,717 | 36.11 | 818,879 |
| 1998 | 56,381,529.08 | 17,550,442 | 21,260,317 | 46,397,518 | 37.03 | 1,252,971 |
| 1999 | 46,926,215.57 | 13,559,799 | 16,426,118 | 39,885,341 | 37.96 | 1,050,720 |
| 2000 | 84,938,559.62 | 22,648,018 | 27,435,437 | 74,490,835 | 38.89 | 1,915,424 |
| 2001 | 76,098,682.47 | 18,555,903 | 22,478,316 | 68,840,103 | 39.84 | 1,727,914 |
| 2002 | 58,456,241.87 | 12,935,197 | 15,669,485 | 54,478,005 | 40.78 | 1,335,900 |
| 2003 | 51,579,401.70 | 10,225,101 | 12,386,520 | 49,508,762 | 41.74 | 1,186,123 |
| 2004 | 65,840,145.44 | 11,550,995 | 13,992,686 | 65,015,489 | 42.69 | 1,522,968 |
| 2005 | 93,037,834.58 | 14,156,637 | 17,149,118 | 94,496,283 | 43.66 | 2,164,367 |

DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 50-R3 | | | | | | |
| NET SALVAGE PERCENT.. -20 | | | | | | |
| 2006 | 98,654,120.18 | 12,738,220 | 15,430,870 | 102,954,074 | 44.62 | 2,307,353 |
| 2007 | 129,077,170.33 | 13,661,528 | 16,549,351 | 138,343,253 | 45.59 | 3,034,509 |
| 2008 | 113,710,564.60 | 9,360,654 | 11,339,342 | 125,113,336 | 46.57 | 2,686,565 |
| 2009 | 45,560,781.63 | 2,689,909 | 3,258,512 | 51,414,426 | 47.54 | 1,081,498 |
| 2010 | 35,790,017.33 | 1,271,261 | 1,539,985 | 41,408,036 | 48.52 | 853,422 |
| 2011 | 24,856,238.03 | 292,309 | 354,098 | 29,473,388 | 49.51 | 595,302 |
| | 1,622,322,431.17 | 478,454,710 | 579,592,185 | 1,367,194,732 | | 35,634,196 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.4 2.20

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 39-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. +10 | | | | | | |
| 1929 | 200.00 | 180 | 180 | | | |
| 1930 | 4,244.25 | 3,820 | 3,820 | | | |
| 1931 | 1,684.00 | 1,516 | 1,516 | | | |
| 1932 | 108.67 | 98 | 98 | | | |
| 1933 | 1,054.50 | 949 | 949 | | | |
| 1934 | 13.00 | 12 | 12 | | | |
| 1935 | 289.00 | 256 | 260 | | | |
| 1939 | 582.00 | 497 | 524 | | | |
| 1940 | 563.72 | 478 | 507 | | | |
| 1941 | 257.00 | 216 | 231 | | | |
| 1942 | 184.00 | 154 | 166 | | | |
| 1944 | 395.00 | 326 | 356 | | | |
| 1945 | 3,813.00 | 3,124 | 3,432 | | | |
| 1946 | 4,011.12 | 3,265 | 3,610 | | | |
| 1947 | 6,512.96 | 5,266 | 5,862 | | | |
| 1948 | 11,360.60 | 9,121 | 10,225 | | | |
| 1949 | 7,424.68 | 5,918 | 6,682 | | | |
| 1950 | 10,331.08 | 8,173 | 9,298 | | | |
| 1951 | 14,447.80 | 11,343 | 13,003 | | | |
| 1952 | 13,741.70 | 10,700 | 12,368 | | | |
| 1953 | 17,929.72 | 13,845 | 16,137 | | | |
| 1954 | 21,908.50 | 16,775 | 19,718 | | | |
| 1955 | 30,778.76 | 23,361 | 27,701 | | | |
| 1956 | 21,669.76 | 16,302 | 19,503 | | | |
| 1957 | 52,937.94 | 39,459 | 47,644 | | | |
| 1958 | 43,390.07 | 32,032 | 39,051 | | | |
| 1959 | 69,944.97 | 51,135 | 62,950 | | | |
| 1960 | 2,666,197.43 | 1,928,901 | 2,399,578 | | | |
| 1961 | 99,378.74 | 71,163 | 89,441 | | | |
| 1962 | 566,409.52 | 401,147 | 509,769 | | | |
| 1963 | 748,640.38 | 524,164 | 673,776 | | | |
| 1964 | 1,271,123.32 | 879,424 | 1,144,011 | | | |
| 1965 | 1,723,582.09 | 1,178,139 | 1,551,224 | | | |
| 1966 | 2,345,138.10 | 1,582,419 | 2,110,624 | | | |
| 1967 | 4,298,747.27 | 2,860,993 | 3,868,873 | | | |
| 1968 | 3,437,577.81 | 2,256,106 | 3,093,820 | | | |
| 1969 | 5,805,751.30 | 3,754,080 | 5,225,176 | | | |
| 1970 | 3,916,352.94 | 2,493,526 | 3,524,718 | | | |
| 1971 | 4,955,571.04 | 3,104,839 | 4,460,014 | | | |
| 1972 | 5,621,330.71 | 3,463,628 | 5,059,198 | | | |
| 1973 | 11,300,056.50 | 6,839,969 | 10,170,051 | | | |
| 1974 | 12,524,724.31 | 7,439,686 | 11,272,252 | | | |
| 1975 | 1,303,173.04 | 759,354 | 1,172,856 | | | |
| 1976 | 1,664,799.01 | 950,474 | 1,498,319 | | | |
| 1977 | 10,125,132.13 | 5,656,840 | 9,112,619 | | | |

DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 39-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. +10 | | | | | | |
| 1978 | 11,175,449.27 | 6,106,958 | 9,882,552 | 175,352 | 15.32 | 11,446 |
| 1979 | 12,802,552.83 | 6,833,644 | 11,058,508 | 463,790 | 15.87 | 29,224 |
| 1980 | 9,404,945.19 | 4,898,547 | 7,927,047 | 537,404 | 16.43 | 32,709 |
| 1981 | 11,480,319.59 | 5,825,860 | 9,427,667 | 904,621 | 17.01 | 53,182 |
| 1982 | 11,464,113.09 | 5,661,529 | 9,161,739 | 1,155,963 | 17.60 | 65,680 |
| 1983 | 17,546,218.07 | 8,426,238 | 13,635,714 | 2,155,882 | 18.19 | 118,520 |
| 1984 | 21,207,345.57 | 9,880,948 | 15,989,791 | 3,096,820 | 18.81 | 164,637 |
| 1985 | 25,714,859.04 | 11,613,113 | 18,792,858 | 4,350,515 | 19.43 | 223,907 |
| 1986 | 35,057,820.93 | 15,322,932 | 24,796,253 | 6,755,786 | 20.06 | 336,779 |
| 1987 | 18,060,928.81 | 7,627,257 | 12,342,768 | 3,912,068 | 20.70 | 188,989 |
| 1988 | 66,256,889.83 | 26,971,788 | 43,646,951 | 15,984,250 | 21.36 | 748,326 |
| 1989 | 49,035,251.48 | 19,214,071 | 31,093,067 | 13,038,659 | 22.02 | 592,128 |
| 1990 | 39,602,172.77 | 14,896,555 | 24,106,270 | 11,535,685 | 22.70 | 508,180 |
| 1991 | 33,866,194.15 | 12,207,374 | 19,754,518 | 10,725,057 | 23.38 | 458,728 |
| 1992 | 27,743,522.37 | 9,552,206 | 15,457,806 | 9,511,364 | 24.08 | 394,990 |
| 1993 | 38,026,065.89 | 12,478,558 | 20,193,360 | 14,030,099 | 24.78 | 566,186 |
| 1994 | 23,659,324.96 | 7,376,244 | 11,936,567 | 9,356,825 | 25.49 | 367,078 |
| 1995 | 25,204,150.70 | 7,439,131 | 12,038,334 | 10,645,402 | 26.21 | 406,158 |
| 1996 | 24,770,681.79 | 6,899,650 | 11,165,322 | 11,128,292 | 26.93 | 413,230 |
| 1997 | 21,388,467.32 | 5,597,212 | 9,057,658 | 10,191,963 | 27.66 | 368,473 |
| 1998 | 31,625,415.39 | 7,735,924 | 12,518,617 | 15,944,257 | 28.40 | 561,418 |
| 1999 | 31,153,309.50 | 7,081,272 | 11,459,230 | 16,578,749 | 29.15 | 568,739 |
| 2000 | 44,413,644.83 | 9,326,732 | 15,092,934 | 24,879,346 | 29.90 | 832,085 |
| 2001 | 38,995,872.61 | 7,505,341 | 12,145,478 | 22,950,807 | 30.66 | 748,559 |
| 2002 | 30,408,626.72 | 5,312,083 | 8,596,250 | 18,771,514 | 31.43 | 597,248 |
| 2003 | 35,272,969.69 | 5,535,175 | 8,957,267 | 22,788,406 | 32.20 | 707,714 |
| 2004 | 34,264,744.40 | 4,760,195 | 7,703,160 | 23,135,110 | 32.98 | 701,489 |
| 2005 | 42,805,124.75 | 5,176,167 | 8,376,305 | 30,148,307 | 33.76 | 893,019 |
| 2006 | 50,490,945.72 | 5,184,915 | 8,390,461 | 37,051,390 | 34.55 | 1,072,399 |
| 2007 | 50,521,984.23 | 4,255,517 | 6,886,467 | 38,583,319 | 35.35 | 1,091,466 |
| 2008 | 57,538,686.28 | 3,784,434 | 6,124,140 | 45,660,678 | 36.15 | 1,263,089 |
| 2009 | 36,879,347.30 | 1,736,243 | 2,809,666 | 30,381,747 | 36.96 | 822,017 |
| 2010 | 35,996,063.26 | 1,021,784 | 1,653,496 | 30,742,961 | 37.77 | 813,952 |
| 2011 | 24,295,972.97 | 229,816 | 371,899 | 21,494,477 | 38.59 | 556,996 |
| | 1,142,843,444.74 | 319,878,586 | 509,792,242 | 518,766,858 | | 17,278,740 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.0 1.51

DUKE ENERGY CAROLINAS

ACCOUNT 369 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. -40 | | | | | | |
| 1960 | 6,654,607.30 | 7,387,945 | 9,316,450 | | | |
| 1961 | 1,413,788.63 | 1,552,764 | 1,979,304 | | | |
| 1962 | 1,513,533.84 | 1,643,773 | 2,118,947 | | | |
| 1963 | 1,792,016.68 | 1,923,640 | 2,508,823 | | | |
| 1964 | 1,837,617.79 | 1,948,794 | 2,556,682 | 15,983 | 9.70 | 1,648 |
| 1965 | 527,493.66 | 552,391 | 724,699 | 13,792 | 10.08 | 1,368 |
| 1966 | 1,937,153.20 | 2,002,145 | 2,626,675 | 85,339 | 10.47 | 8,151 |
| 1967 | 2,193,594.68 | 2,235,712 | 2,933,098 | 137,935 | 10.88 | 12,678 |
| 1968 | 801,208.88 | 804,814 | 1,055,860 | 65,832 | 11.30 | 5,826 |
| 1969 | 3,378,296.16 | 3,342,655 | 4,385,331 | 344,284 | 11.73 | 29,351 |
| 1970 | 788,084.07 | 767,633 | 1,007,081 | 96,237 | 12.17 | 7,908 |
| 1971 | 3,250,171.36 | 3,113,502 | 4,084,698 | 465,542 | 12.63 | 36,860 |
| 1972 | 4,579,832.64 | 4,311,912 | 5,656,928 | 754,838 | 13.10 | 57,621 |
| 1973 | 4,374,567.08 | 4,045,162 | 5,306,971 | 817,423 | 13.58 | 60,193 |
| 1974 | 6,227,455.36 | 5,651,727 | 7,414,672 | 1,303,766 | 14.07 | 92,663 |
| 1975 | 1,571,039.91 | 1,397,754 | 1,833,756 | 365,700 | 14.58 | 25,082 |
| 1976 | 4,768,597.73 | 4,155,833 | 5,452,163 | 1,223,874 | 15.10 | 81,051 |
| 1977 | 6,382,712.75 | 5,441,901 | 7,139,395 | 1,796,403 | 15.64 | 114,860 |
| 1978 | 6,560,908.84 | 5,467,533 | 7,173,023 | 2,012,249 | 16.19 | 124,290 |
| 1979 | 7,899,832.61 | 6,428,489 | 8,433,730 | 2,626,036 | 16.75 | 156,778 |
| 1980 | 6,222,734.63 | 4,939,607 | 6,480,420 | 2,231,408 | 17.32 | 128,834 |
| 1981 | 9,322,596.59 | 7,211,028 | 9,460,367 | 3,591,268 | 17.90 | 200,629 |
| 1982 | 8,658,907.36 | 6,515,828 | 8,548,313 | 3,574,157 | 18.50 | 193,198 |
| 1983 | 13,008,651.72 | 9,511,276 | 12,478,132 | 5,733,980 | 19.11 | 300,051 |
| 1984 | 11,647,447.49 | 8,267,358 | 10,846,198 | 5,460,228 | 19.72 | 276,888 |
| 1985 | 8,453,610.62 | 5,813,971 | 7,627,525 | 4,207,530 | 20.35 | 206,758 |
| 1986 | 7,328,640.55 | 4,876,111 | 6,397,118 | 3,862,979 | 20.99 | 184,039 |
| 1987 | 14,432,649.69 | 9,269,369 | 12,160,767 | 8,044,943 | 21.65 | 371,591 |
| 1988 | 24,757,377.80 | 15,328,530 | 20,109,964 | 14,550,365 | 22.31 | 652,190 |
| 1989 | 24,355,204.58 | 14,508,395 | 19,034,004 | 15,063,282 | 22.98 | 655,495 |
| 1990 | 23,807,964.18 | 13,615,775 | 17,862,948 | 15,468,202 | 23.66 | 653,770 |
| 1991 | 18,449,302.77 | 10,105,606 | 13,257,851 | 12,571,173 | 24.35 | 516,270 |
| 1992 | 18,493,844.92 | 9,683,377 | 12,703,916 | 13,187,467 | 25.04 | 526,656 |
| 1993 | 25,460,924.30 | 12,698,636 | 16,659,726 | 18,985,568 | 25.75 | 737,304 |
| 1994 | 22,146,532.91 | 10,495,242 | 13,769,027 | 17,236,119 | 26.46 | 651,403 |
| 1995 | 21,227,946.76 | 9,524,980 | 12,496,110 | 17,223,015 | 27.18 | 633,665 |
| 1996 | 27,000,079.15 | 11,425,083 | 14,988,913 | 22,811,198 | 27.91 | 817,313 |
| 1997 | 32,984,960.60 | 13,103,276 | 17,190,586 | 28,988,359 | 28.65 | 1,011,810 |
| 1998 | 26,284,621.82 | 9,760,794 | 12,805,482 | 23,992,989 | 29.39 | 816,366 |
| 1999 | 33,665,740.84 | 11,618,047 | 15,242,068 | 31,889,969 | 30.14 | 1,058,061 |
| 2000 | 40,050,311.32 | 12,770,042 | 16,753,406 | 39,317,030 | 30.89 | 1,272,808 |
| 2001 | 31,083,518.43 | 9,084,158 | 11,917,783 | 31,599,143 | 31.65 | 998,393 |
| 2002 | 34,214,874.50 | 9,077,206 | 11,908,662 | 35,992,162 | 32.42 | 1,110,184 |
| 2003 | 12,448,675.03 | 2,967,142 | 3,892,684 | 13,535,461 | 33.19 | 407,817 |
| 2004 | 28,932,727.04 | 6,106,252 | 8,010,977 | 32,494,841 | 33.97 | 956,575 |

DUKE ENERGY CAROLINAS

ACCOUNT 369 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R1.5 | | | | | | |
| NET SALVAGE PERCENT.. -40 | | | | | | |
| 2005 | 34,415,321.51 | 6,311,770 | 8,280,603 | 39,900,847 | 34.76 | 1,147,895 |
| 2006 | 40,114,127.68 | 6,247,775 | 8,196,645 | 47,963,134 | 35.55 | 1,349,174 |
| 2007 | 38,908,924.17 | 4,984,233 | 6,538,967 | 47,933,527 | 36.34 | 1,319,029 |
| 2008 | 15,295,830.35 | 1,525,759 | 2,001,689 | 19,412,473 | 37.15 | 522,543 |
| 2009 | 44,020,135.00 | 3,158,445 | 4,143,660 | 57,484,529 | 37.95 | 1,514,744 |
| 2010 | 32,385,381.34 | 1,394,191 | 1,829,081 | 43,510,453 | 38.77 | 1,122,271 |
| 2011 | 40,960,549.18 | 587,784 | 771,132 | 56,573,637 | 39.59 | 1,428,988 |
| | 838,992,628.00 | 326,663,125 | 428,073,010 | 746,516,669 | | 24,559,040 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.4 2.93

DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 20-L0 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1951 | 691.00 | 574 | 691 | | | |
| 1953 | 1,311.00 | 1,071 | 1,311 | | | |
| 1954 | 41.00 | 33 | 41 | | | |
| 1957 | 1,049.00 | 826 | 1,049 | | | |
| 1959 | 44.00 | 34 | 44 | | | |
| 1960 | 2,931,341.56 | 2,241,011 | 2,931,342 | | | |
| 1961 | 290,906.00 | 220,070 | 290,906 | | | |
| 1962 | 375,376.93 | 280,782 | 375,377 | | | |
| 1963 | 391,991.74 | 290,074 | 391,992 | | | |
| 1964 | 379,668.74 | 277,728 | 379,669 | | | |
| 1965 | 361,186.06 | 261,138 | 361,186 | | | |
| 1966 | 482,225.96 | 344,550 | 482,226 | | | |
| 1967 | 533,964.73 | 376,712 | 533,965 | | | |
| 1968 | 493,180.33 | 343,500 | 493,180 | | | |
| 1969 | 674,539.57 | 463,746 | 674,540 | | | |
| 1970 | 909,463.36 | 617,071 | 909,463 | | | |
| 1971 | 886,494.62 | 593,065 | 886,495 | | | |
| 1972 | 1,016,797.51 | 670,070 | 1,016,798 | | | |
| 1973 | 1,185,721.35 | 770,126 | 1,185,721 | | | |
| 1974 | 2,224,250.33 | 1,422,408 | 2,224,250 | | | |
| 1975 | 339,583.27 | 213,598 | 339,583 | | | |
| 1976 | 1,663,124.62 | 1,029,474 | 1,663,125 | | | |
| 1977 | 1,601,863.98 | 973,933 | 1,601,864 | | | |
| 1978 | 1,839,735.88 | 1,099,242 | 1,839,736 | | | |
| 1979 | 2,459,150.34 | 1,442,292 | 2,459,150 | | | |
| 1980 | 2,552,677.62 | 1,467,790 | 2,528,045 | 24,633 | 8.50 | 2,898 |
| 1981 | 3,345,986.33 | 1,885,463 | 3,247,423 | 98,563 | 8.73 | 11,290 |
| 1982 | 3,957,478.29 | 2,182,549 | 3,759,108 | 198,370 | 8.97 | 22,115 |
| 1983 | 4,389,798.85 | 2,368,296 | 4,079,029 | 310,770 | 9.21 | 33,743 |
| 1984 | 4,020,861.56 | 2,121,004 | 3,653,106 | 367,756 | 9.45 | 38,916 |
| 1985 | 5,208,147.87 | 2,682,196 | 4,619,674 | 588,474 | 9.70 | 60,667 |
| 1986 | 4,524,128.75 | 2,271,113 | 3,911,646 | 612,483 | 9.96 | 61,494 |
| 1987 | 3,995,107.75 | 1,953,608 | 3,364,792 | 630,316 | 10.22 | 61,675 |
| 1988 | 5,483,074.24 | 2,607,202 | 4,490,508 | 992,566 | 10.49 | 94,620 |
| 1989 | 4,996,412.92 | 2,305,845 | 3,971,467 | 1,024,946 | 10.77 | 95,167 |
| 1990 | 7,463,706.08 | 3,340,008 | 5,752,655 | 1,711,051 | 11.05 | 154,846 |
| 1991 | 3,750,961.80 | 1,624,166 | 2,797,378 | 953,584 | 11.34 | 84,090 |
| 1992 | 2,986,461.01 | 1,248,341 | 2,150,077 | 836,384 | 11.64 | 71,854 |
| 1993 | 4,439,230.33 | 1,789,010 | 3,081,297 | 1,357,933 | 11.94 | 113,730 |
| 1994 | 4,303,931.46 | 1,667,773 | 2,872,485 | 1,431,446 | 12.25 | 116,853 |
| 1995 | 3,488,304.39 | 1,295,905 | 2,231,999 | 1,256,305 | 12.57 | 99,945 |
| 1996 | 3,946,461.26 | 1,402,967 | 2,416,397 | 1,530,064 | 12.89 | 118,702 |
| 1997 | 2,901,915.07 | 982,298 | 1,691,859 | 1,210,056 | 13.23 | 91,463 |
| 1998 | 3,063,585.41 | 984,943 | 1,696,414 | 1,367,171 | 13.57 | 100,750 |
| 1999 | 3,243,867.89 | 986,136 | 1,698,469 | 1,545,399 | 13.92 | 111,020 |

DUKE ENERGY CAROLINAS

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 20-L0 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2000 | 1,795,046.43 | 512,486 | 882,679 | 912,367 | 14.29 | 63,847 |
| 2001 | 4,150,512.67 | 1,108,187 | 1,908,683 | 2,241,830 | 14.66 | 152,922 |
| 2002 | 24,274,230.98 | 6,020,009 | 10,368,548 | 13,905,683 | 15.04 | 924,580 |
| 2003 | 37,316,945.75 | 8,526,922 | 14,686,323 | 22,630,623 | 15.43 | 1,466,664 |
| 2004 | 85,809,710.62 | 17,848,420 | 30,741,183 | 55,068,528 | 15.84 | 3,476,548 |
| 2005 | 11,927,270.61 | 2,230,400 | 3,841,524 | 8,085,747 | 16.26 | 497,278 |
| 2006 | 11,552,523.54 | 1,900,390 | 3,273,132 | 8,279,392 | 16.71 | 495,475 |
| 2007 | 9,910,737.78 | 1,392,459 | 2,398,298 | 7,512,440 | 17.19 | 437,024 |
| 2008 | 13,388,269.21 | 1,532,957 | 2,640,285 | 10,747,984 | 17.71 | 606,888 |
| 2009 | 24,008,988.76 | 2,088,782 | 3,597,609 | 20,411,380 | 18.26 | 1,117,819 |
| 2010 | 16,689,720.11 | 934,624 | 1,609,747 | 15,079,973 | 18.88 | 798,727 |
| 2011 | 16,091,256.16 | 329,871 | 568,153 | 15,523,103 | 19.59 | 792,399 |
| | 360,021,014.38 | 95,525,248 | 161,573,696 | 198,447,318 | | 12,376,009 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.0 3.44

DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

SURVIVOR CURVE.. IOWA 38-O1
NET SALVAGE PERCENT.. -5

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 1960 | 1,702.00 | 1,211 | 1,787 | | | |
| 1961 | 132,344.00 | 92,336 | 138,961 | | | |
| 1962 | 262,760.00 | 179,698 | 275,898 | | | |
| 1963 | 324,835.00 | 217,662 | 341,077 | | | |
| 1964 | 360,689.00 | 236,702 | 378,723 | | | |
| 1965 | 432,845.00 | 278,073 | 454,487 | | | |
| 1966 | 575,128.00 | 361,534 | 603,884 | | | |
| 1967 | 756,542.00 | 465,127 | 794,369 | | | |
| 1968 | 490,365.00 | 294,704 | 514,883 | | | |
| 1969 | 991,755.00 | 582,329 | 1,041,343 | | | |
| 1970 | 1,779,322.00 | 1,020,179 | 1,868,288 | | | |
| 1971 | 1,717,336.00 | 960,909 | 1,803,203 | | | |
| 1972 | 2,272,494.00 | 1,240,161 | 2,386,119 | | | |
| 1973 | 2,187,666.00 | 1,163,639 | 2,297,049 | | | |
| 1974 | 2,830,399.13 | 1,466,404 | 2,971,919 | | | |
| 1975 | 110,133.60 | 55,537 | 113,634 | 2,006 | 19.75 | 102 |
| 1976 | 828,131.73 | 406,170 | 831,064 | 38,474 | 20.25 | 1,900 |
| 1977 | 917,442.00 | 437,296 | 894,751 | 68,563 | 20.75 | 3,304 |
| 1978 | 735,027.98 | 340,193 | 696,068 | 75,711 | 21.25 | 3,563 |
| 1979 | 1,082,481.02 | 486,046 | 994,498 | 142,107 | 21.75 | 6,534 |
| 1980 | 656,341.14 | 285,635 | 584,437 | 104,721 | 22.25 | 4,707 |
| 1981 | 1,906,763.58 | 803,483 | 1,644,006 | 358,096 | 22.75 | 15,740 |
| 1982 | 1,743,460.90 | 710,579 | 1,453,915 | 376,719 | 23.25 | 16,203 |
| 1983 | 1,186,209.36 | 467,070 | 955,671 | 289,849 | 23.75 | 12,204 |
| 1984 | 3,514,263.64 | 1,335,181 | 2,731,912 | 958,065 | 24.25 | 39,508 |
| 1985 | 4,264,823.70 | 1,561,412 | 3,194,803 | 1,283,262 | 24.75 | 51,849 |
| 1986 | 4,891,896.59 | 1,723,447 | 3,526,343 | 1,610,148 | 25.25 | 63,768 |
| 1987 | 7,026,328.91 | 2,378,332 | 4,866,302 | 2,511,343 | 25.75 | 97,528 |
| 1988 | 8,919,171.35 | 2,895,792 | 5,925,076 | 3,440,054 | 26.25 | 131,050 |
| 1989 | 8,260,287.46 | 2,567,731 | 5,253,831 | 3,419,471 | 26.75 | 127,831 |
| 1990 | 13,062,927.31 | 3,880,140 | 7,939,150 | 5,776,924 | 27.25 | 211,997 |
| 1991 | 15,698,536.84 | 4,446,249 | 9,097,465 | 7,385,999 | 27.75 | 266,162 |
| 1992 | 11,495,752.82 | 3,097,059 | 6,336,889 | 5,733,651 | 28.25 | 202,961 |
| 1993 | 14,685,864.72 | 3,753,575 | 7,680,185 | 7,739,973 | 28.75 | 269,216 |
| 1994 | 12,590,712.51 | 3,044,094 | 6,228,517 | 6,991,731 | 29.25 | 239,034 |
| 1995 | 13,214,874.24 | 3,012,535 | 6,163,944 | 7,711,674 | 29.75 | 259,216 |
| 1996 | 13,639,507.91 | 2,920,867 | 5,976,382 | 8,345,101 | 30.25 | 275,871 |
| 1997 | 19,242,917.78 | 3,854,924 | 7,887,555 | 12,317,509 | 30.75 | 400,569 |
| 1998 | 20,907,345.01 | 3,899,460 | 7,978,680 | 13,974,032 | 31.25 | 447,169 |
| 1999 | 20,584,305.38 | 3,554,776 | 7,273,423 | 14,340,098 | 31.75 | 451,657 |
| 2000 | 26,647,597.78 | 4,233,930 | 8,663,039 | 19,316,939 | 32.25 | 598,975 |
| 2001 | 17,483,260.53 | 2,536,262 | 5,189,442 | 13,167,982 | 32.75 | 402,076 |
| 2002 | 26,761,568.76 | 3,512,456 | 7,186,832 | 20,912,815 | 33.25 | 628,957 |
| 2003 | 23,833,524.22 | 2,798,818 | 5,726,658 | 19,298,542 | 33.75 | 571,809 |
| 2004 | 39,883,282.82 | 4,132,466 | 8,455,434 | 33,422,013 | 34.25 | 975,825 |

DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 38-01 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 2005 | 27,709,469.20 | 2,488,490 | 5,091,696 | 24,003,247 | 34.75 | 690,741 |
| 2006 | 36,550,470.08 | 2,777,415 | 5,682,865 | 32,695,129 | 35.25 | 927,521 |
| 2007 | 43,115,255.59 | 2,680,497 | 5,484,562 | 39,786,456 | 35.75 | 1,112,908 |
| 2008 | 45,183,483.18 | 2,184,734 | 4,470,181 | 42,972,476 | 36.25 | 1,185,448 |
| 2009 | 30,061,186.96 | 1,038,148 | 2,124,154 | 29,440,092 | 36.75 | 801,091 |
| 2010 | 26,533,584.48 | 549,962 | 1,125,276 | 26,734,988 | 37.25 | 717,718 |
| 2011 | 19,267,727.93 | 133,121 | 272,379 | 19,958,735 | 37.75 | 528,708 |
| | 579,312,101.14 | 89,544,550 | 181,573,009 | 426,704,697 | | 12,741,420 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.5 2.20

DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 34-R2 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1960 | 233,092.38 | 232,269 | 256,402 | | | |
| 1961 | 223,099.51 | 220,218 | 245,409 | | | |
| 1962 | 111,454.46 | 108,969 | 122,600 | | | |
| 1963 | 75,717.37 | 73,294 | 83,289 | | | |
| 1964 | 117,567.94 | 112,703 | 129,325 | | | |
| 1965 | 106,621.37 | 101,139 | 117,284 | | | |
| 1966 | 358,212.98 | 336,320 | 394,034 | | | |
| 1967 | 239,817.52 | 222,678 | 263,799 | | | |
| 1968 | 92,187.06 | 84,614 | 101,406 | | | |
| 1969 | 2,009,686.67 | 1,823,150 | 2,210,655 | | | |
| 1970 | 183,471.53 | 164,363 | 201,819 | | | |
| 1971 | 178,978.99 | 158,254 | 196,877 | | | |
| 1972 | 152,431.85 | 132,908 | 167,675 | | | |
| 1973 | 362,831.07 | 311,780 | 399,114 | | | |
| 1974 | 586,400.20 | 496,113 | 645,040 | | | |
| 1975 | 307,724.52 | 256,161 | 338,497 | | | |
| 1976 | 359,491.12 | 294,136 | 395,440 | | | |
| 1977 | 666,490.71 | 535,405 | 733,140 | | | |
| 1978 | 340,148.22 | 267,968 | 374,163 | | | |
| 1979 | 475,443.59 | 367,012 | 513,533 | 9,455 | 10.14 | 932 |
| 1980 | 844,979.02 | 638,328 | 893,165 | 36,312 | 10.65 | 3,410 |
| 1981 | 923,438.70 | 681,773 | 953,954 | 61,829 | 11.18 | 5,530 |
| 1982 | 1,887,543.59 | 1,360,577 | 1,903,754 | 172,544 | 11.72 | 14,722 |
| 1983 | 1,475,865.28 | 1,036,623 | 1,450,469 | 172,983 | 12.29 | 14,075 |
| 1984 | 1,814,508.61 | 1,240,429 | 1,735,640 | 260,319 | 12.87 | 20,227 |
| 1985 | 1,966,161.43 | 1,306,577 | 1,828,196 | 334,582 | 13.46 | 24,858 |
| 1986 | 4,107,790.40 | 2,648,695 | 3,706,121 | 812,448 | 14.07 | 57,743 |
| 1987 | 2,433,782.19 | 1,519,690 | 2,126,389 | 550,771 | 14.70 | 37,467 |
| 1988 | 3,430,699.91 | 2,071,120 | 2,897,964 | 875,806 | 15.34 | 57,093 |
| 1989 | 3,762,055.63 | 2,190,837 | 3,065,475 | 1,072,786 | 16.00 | 67,049 |
| 1990 | 6,325,604.09 | 3,544,559 | 4,959,637 | 1,998,527 | 16.68 | 119,816 |
| 1991 | 8,659,346.96 | 4,661,768 | 6,522,864 | 3,002,418 | 17.36 | 172,950 |
| 1992 | 6,320,014.37 | 3,259,244 | 4,560,417 | 2,391,599 | 18.06 | 132,425 |
| 1993 | 5,712,686.52 | 2,813,013 | 3,936,039 | 2,347,916 | 18.78 | 125,022 |
| 1994 | 5,478,658.77 | 2,568,384 | 3,593,748 | 2,432,777 | 19.51 | 124,694 |
| 1995 | 6,812,066.57 | 3,030,355 | 4,240,150 | 3,253,123 | 20.25 | 160,648 |
| 1996 | 8,410,629.30 | 3,537,385 | 4,949,599 | 4,302,093 | 21.00 | 204,862 |
| 1997 | 8,686,638.26 | 3,439,909 | 4,813,208 | 4,742,094 | 21.76 | 217,927 |
| 1998 | 8,991,318.83 | 3,333,675 | 4,664,562 | 5,225,889 | 22.54 | 231,850 |
| 1999 | 5,936,484.37 | 2,049,286 | 2,867,413 | 3,662,720 | 23.33 | 156,996 |
| 2000 | 9,563,746.83 | 3,057,042 | 4,277,491 | 6,242,631 | 24.12 | 258,816 |
| 2001 | 5,701,736.50 | 1,673,095 | 2,341,037 | 3,930,873 | 24.93 | 157,676 |
| 2002 | 6,470,171.76 | 1,726,986 | 2,416,443 | 4,700,746 | 25.75 | 182,553 |
| 2003 | 4,781,247.02 | 1,147,805 | 1,606,038 | 3,653,334 | 26.58 | 137,447 |
| 2004 | 9,319,036.94 | 1,983,865 | 2,775,874 | 7,475,067 | 27.42 | 272,614 |

DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 34-R2 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2005 | 8,206,801.33 | 1,521,401 | 2,128,783 | 6,898,698 | 28.27 | 244,029 |
| 2006 | 10,503,592.62 | 1,654,988 | 2,315,701 | 9,238,251 | 29.13 | 317,139 |
| 2007 | 12,127,431.75 | 1,569,472 | 2,196,045 | 11,144,130 | 30.00 | 371,471 |
| 2008 | 12,216,660.05 | 1,237,132 | 1,731,026 | 11,707,300 | 30.87 | 379,245 |
| 2009 | 9,692,922.48 | 702,427 | 982,854 | 9,679,361 | 31.76 | 304,766 |
| 2010 | 12,343,485.69 | 539,176 | 754,428 | 12,823,406 | 32.65 | 392,754 |
| 2011 | 18,866,893.56 | 274,777 | 384,475 | 20,369,108 | 33.55 | 607,127 |
| | 220,954,868.39 | 70,319,847 | 97,468,460 | 145,581,895 | | 5,575,933 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.1 2.52

DUKE ENERGY CAROLINAS

ACCOUNT 389 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 60-R3 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1994 | 165.00 | 46 | 57 | 108 | 43.24 | 2 |
| 1996 | 546,471.00 | 135,891 | 168,719 | 377,752 | 45.08 | 8,380 |
| 1997 | 3,584.00 | 835 | 1,037 | 2,547 | 46.02 | 55 |
| 2004 | 71.00 | 9 | 11 | 60 | 52.68 | 1 |
| | 550,291.00 | 136,781 | 169,824 | 380,467 | | 8,438 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 45.1 1.53

DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R2.5 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1956 | 6,234.00 | 5,517 | 4,160 | 2,074 | 4.60 | 451 |
| 1958 | 1,421.00 | 1,241 | 936 | 485 | 5.08 | 95 |
| 1960 | 298,282.26 | 256,672 | 193,559 | 104,723 | 5.58 | 18,768 |
| 1961 | 25,076.00 | 21,415 | 16,149 | 8,927 | 5.84 | 1,529 |
| 1962 | 418,188.98 | 354,206 | 267,110 | 151,079 | 6.12 | 24,686 |
| 1963 | 134,045.75 | 112,598 | 84,911 | 49,135 | 6.40 | 7,677 |
| 1964 | 23,270.00 | 19,366 | 14,604 | 8,666 | 6.71 | 1,292 |
| 1965 | 707.00 | 583 | 440 | 267 | 7.02 | 38 |
| 1966 | 25,788.00 | 21,043 | 15,869 | 9,919 | 7.36 | 1,348 |
| 1967 | 17,546.00 | 14,164 | 10,681 | 6,865 | 7.71 | 890 |
| 1968 | 82,557.99 | 65,881 | 49,681 | 32,877 | 8.08 | 4,069 |
| 1969 | 501,833.00 | 395,444 | 298,208 | 203,625 | 8.48 | 24,012 |
| 1970 | 63,683.45 | 49,530 | 37,351 | 26,332 | 8.89 | 2,962 |
| 1971 | 393,030.52 | 301,356 | 227,255 | 165,776 | 9.33 | 17,768 |
| 1972 | 183,424.86 | 138,532 | 104,468 | 78,957 | 9.79 | 8,065 |
| 1973 | 391,991.37 | 291,348 | 219,708 | 172,283 | 10.27 | 16,775 |
| 1974 | 59,168.00 | 43,237 | 32,605 | 26,563 | 10.77 | 2,466 |
| 1975 | 3,921,665.98 | 2,813,795 | 2,121,908 | 1,799,758 | 11.30 | 159,271 |
| 1976 | 42,839.00 | 30,159 | 22,743 | 20,096 | 11.84 | 1,697 |
| 1977 | 20,764,658.16 | 14,322,423 | 10,800,668 | 9,963,990 | 12.41 | 802,900 |
| 1978 | 614,193.00 | 414,734 | 312,755 | 301,438 | 12.99 | 23,205 |
| 1979 | 1,111,597.18 | 733,932 | 553,465 | 558,132 | 13.59 | 41,069 |
| 1980 | 4,224,085.00 | 2,723,479 | 2,053,800 | 2,170,285 | 14.21 | 152,729 |
| 1981 | 6,579,178.51 | 4,136,658 | 3,119,491 | 3,459,688 | 14.85 | 232,976 |
| 1982 | 1,454,372.02 | 890,803 | 671,763 | 782,609 | 15.50 | 50,491 |
| 1983 | 1,734,599.54 | 1,033,388 | 779,287 | 955,313 | 16.17 | 59,079 |
| 1984 | 4,928,909.98 | 2,851,374 | 2,150,247 | 2,778,663 | 16.86 | 164,808 |
| 1985 | 16,378,437.08 | 9,188,303 | 6,928,982 | 9,449,455 | 17.56 | 538,124 |
| 1986 | 4,006,496.97 | 2,176,529 | 1,641,340 | 2,365,157 | 18.27 | 129,456 |
| 1987 | 75,927,123.78 | 39,861,740 | 30,060,095 | 45,867,029 | 19.00 | 2,414,054 |
| 1988 | 17,596,375.95 | 8,912,564 | 6,721,044 | 10,875,332 | 19.74 | 550,929 |
| 1989 | 16,745,485.54 | 8,167,611 | 6,159,268 | 10,586,218 | 20.49 | 516,653 |
| 1990 | 4,388,056.49 | 2,056,901 | 1,551,127 | 2,836,929 | 21.25 | 133,503 |
| 1991 | 28,614,730.29 | 12,855,168 | 9,694,197 | 18,920,533 | 22.03 | 858,853 |
| 1992 | 7,468,607.66 | 3,207,767 | 2,419,006 | 5,049,602 | 22.82 | 221,280 |
| 1993 | 1,679,946.34 | 687,938 | 518,780 | 1,161,166 | 23.62 | 49,160 |
| 1994 | 18,871,832.65 | 7,345,861 | 5,539,580 | 13,332,253 | 24.43 | 545,733 |
| 1995 | 2,759,857.00 | 1,017,697 | 767,454 | 1,992,403 | 25.25 | 78,907 |
| 1996 | 13,465,704.00 | 4,686,065 | 3,533,804 | 9,931,900 | 26.08 | 380,824 |
| 1997 | 3,904,952.00 | 1,276,919 | 962,936 | 2,942,016 | 26.92 | 109,287 |
| 1998 | 2,159,885.00 | 660,385 | 498,002 | 1,661,883 | 27.77 | 59,845 |
| 1999 | 3,209,550.64 | 912,315 | 687,985 | 2,521,566 | 28.63 | 88,074 |
| 2000 | 11,080,570.36 | 2,908,650 | 2,193,439 | 8,887,131 | 29.50 | 301,259 |
| 2001 | 1,785,677.00 | 429,902 | 324,193 | 1,461,484 | 30.37 | 48,123 |
| 2002 | 4,411,461.98 | 963,904 | 726,889 | 3,684,573 | 31.26 | 117,869 |

DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. IOWA 40-R2.5 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2003 | 488,020.00 | 95,774 | 72,224 | 415,796 | 32.15 | 12,933 |
| 2004 | 4,873,544.00 | 846,778 | 638,563 | 4,234,981 | 33.05 | 128,139 |
| 2005 | 5,566,734.88 | 840,577 | 633,887 | 4,932,848 | 33.96 | 145,255 |
| 2006 | 18,417,297.42 | 2,362,018 | 1,781,219 | 16,636,078 | 34.87 | 477,089 |
| 2007 | 8,059,619.00 | 848,275 | 639,692 | 7,419,927 | 35.79 | 207,318 |
| 2008 | 23,231,139.88 | 1,904,953 | 1,436,542 | 21,794,598 | 36.72 | 593,535 |
| 2009 | 9,558,530.29 | 561,564 | 423,480 | 9,135,050 | 37.65 | 242,631 |
| 2010 | 11,979,585.80 | 422,280 | 318,445 | 11,661,141 | 38.59 | 302,180 |
| 2011 | 63,430,550.28 | 745,309 | 562,044 | 62,868,506 | 39.53 | 1,590,400 |
| | 428,062,118.83 | 147,986,625 | 111,598,039 | 316,464,080 | | 12,662,529 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.0 2.96

DUKE ENERGY CAROLINAS

ACCOUNT 391 OFFICE FURNITURE AND EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 15-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1999 | 744,041.00 | 620,032 | 178,417 | 565,624 | 2.50 | 226,250 |
| 2000 | 4,634,252.00 | 3,552,942 | 1,022,375 | 3,611,877 | 3.50 | 1,031,965 |
| 2001 | 2,842,555.00 | 1,989,788 | 572,570 | 2,269,985 | 4.50 | 504,441 |
| 2002 | 1,327,904.00 | 841,001 | 242,002 | 1,085,902 | 5.50 | 197,437 |
| 2003 | 1,019,071.00 | 577,477 | 166,171 | 852,900 | 6.50 | 131,215 |
| 2004 | 238,853.00 | 119,426 | 34,365 | 204,488 | 7.50 | 27,265 |
| 2005 | 806,860.00 | 349,637 | 100,610 | 706,250 | 8.50 | 83,088 |
| 2006 | 4,523,812.00 | 1,658,746 | 477,311 | 4,046,501 | 9.50 | 425,947 |
| 2007 | 990,281.00 | 297,084 | 85,487 | 904,794 | 10.50 | 86,171 |
| 2008 | 2,456,490.36 | 573,173 | 164,933 | 2,291,557 | 11.50 | 199,266 |
| 2009 | 1,628,419.86 | 271,409 | 78,099 | 1,550,321 | 12.50 | 124,026 |
| 2010 | 2,783,340.47 | 278,334 | 80,092 | 2,703,248 | 13.50 | 200,241 |
| 2011 | 2,154,939.75 | 71,824 | 20,668 | 2,134,272 | 14.50 | 147,191 |
| | 26,150,819.44 | 11,200,873 | 3,223,100 | 22,927,719 | | 3,384,503 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.8 12.94

DUKE ENERGY CAROLINAS

ACCOUNT 391.1 OFFICE FURNITURE AND EQUIPMENT - EDP

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 8-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2004 | 1,753,422.00 | 1,643,833 | 659,237- | 2,412,659 | 0.50 | 2,412,659 |
| 2005 | 6,449,534.00 | 5,240,246 | 2,101,530- | 8,551,064 | 1.50 | 5,700,709 |
| 2006 | 3,816,725.00 | 2,623,998 | 1,052,319- | 4,869,044 | 2.50 | 1,947,618 |
| 2007 | 3,723,413.00 | 2,094,420 | 839,939- | 4,563,352 | 3.50 | 1,303,815 |
| 2008 | 3,639,852.66 | 1,592,436 | 638,625- | 4,278,478 | 4.50 | 950,773 |
| 2009 | 3,527,485.08 | 1,102,339 | 442,079- | 3,969,564 | 5.50 | 721,739 |
| 2010 | 13,523,748.08 | 2,535,703 | 1,016,910- | 14,540,658 | 6.50 | 2,237,024 |
| 2011 | 8,077,152.53 | 504,822 | 202,452- | 8,279,605 | 7.50 | 1,103,947 |
| | 44,511,332.35 | 17,337,797 | 6,953,091- | 51,464,423 | | 16,378,284 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.1 36.80

DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| PASSENGER CARS AND STATION WAGONS | | | | | | |
| SURVIVOR CURVE.. IOWA 5-S2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1994 | 1.00 | 1 | 1 | | | |
| 1995 | 8,056.00 | 7,653 | 7,653 | | | |
| 2001 | 33,538.00 | 31,861 | 31,861 | | | |
| 2002 | 17,705.00 | 16,517 | 6,461 | 10,359 | 0.09 | 10,359 |
| | 59,300.00 | 56,032 | 45,976 | 10,359 | | 10,359 |
| LIGHT TRUCKS | | | | | | |
| SURVIVOR CURVE.. IOWA 6-S2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1995 | 1.00 | 1 | 1 | | | |
| 2001 | 416,999.00 | 377,661 | 309,883 | 86,266 | 0.28 | 86,266 |
| 2002 | 43,719.00 | 38,349 | 31,467 | 10,066 | 0.46 | 10,066 |
| 2003 | 475.00 | 402 | 330 | 121 | 0.66 | 121 |
| 2004 | 40,131.00 | 32,469 | 26,642 | 11,483 | 0.89 | 11,483 |
| 2005 | 284,238.00 | 216,920 | 177,990 | 92,036 | 1.18 | 77,997 |
| 2006 | 763.00 | 536 | 440 | 285 | 1.56 | 183 |
| 2008 | 109,211.56 | 56,371 | 46,254 | 57,497 | 2.74 | 20,984 |
| 2009 | 699,970.79 | 269,314 | 220,981 | 443,991 | 3.57 | 124,367 |
| 2010 | 68,119.86 | 16,070 | 13,186 | 51,528 | 4.51 | 11,425 |
| 2011 | 57,299.19 | 4,536 | 3,722 | 50,712 | 5.50 | 9,220 |
| | 1,720,927.40 | 1,012,629 | 830,895 | 803,986 | | 352,112 |
| MEDIUM TRUCKS | | | | | | |
| SURVIVOR CURVE.. IOWA 7-L2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1989 | 20,193.00 | 19,183 | 19,183 | | | |
| 1995 | 1.00 | 1 | 1 | | | |
| 2001 | 881,651.00 | 641,335 | 523,006 | 314,563 | 1.64 | 191,807 |
| 2002 | 51,640.00 | 35,882 | 29,262 | 19,796 | 1.88 | 10,530 |
| 2004 | 9,836.00 | 6,247 | 5,094 | 4,250 | 2.32 | 1,832 |
| | 963,321.00 | 702,648 | 576,546 | 338,609 | | 204,169 |
| HEAVY TRUCKS | | | | | | |
| SURVIVOR CURVE.. IOWA 10-L2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1989 | 35,398.00 | 30,064 | 24,669 | 8,960 | 1.06 | 8,453 |
| 1990 | 68,452.00 | 57,096 | 46,849 | 18,180 | 1.22 | 14,902 |

DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| HEAVY TRUCKS | | | | | | |
| SURVIVOR CURVE.. IOWA 10-L2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1991 | 30,176.00 | 24,768 | 20,323 | 8,344 | 1.36 | 6,135 |
| 1993 | 79,295.00 | 62,825 | 51,550 | 23,780 | 1.66 | 14,325 |
| 1994 | 7,084.00 | 5,492 | 4,506 | 2,223 | 1.84 | 1,208 |
| 1998 | 73,934.00 | 51,273 | 42,071 | 28,166 | 2.70 | 10,432 |
| 1999 | 359,874.00 | 241,367 | 198,050 | 143,831 | 2.94 | 48,922 |
| 2000 | 305,141.00 | 198,281 | 162,696 | 127,188 | 3.16 | 40,249 |
| 2001 | 179,294.00 | 113,099 | 92,801 | 77,528 | 3.36 | 23,074 |
| 2002 | 10,671.00 | 6,549 | 5,374 | 4,764 | 3.54 | 1,346 |
| | 1,149,319.00 | 790,814 | 648,889 | 442,964 | | 169,046 |
| MEDIUM TRUCKS / POWER EQUIPPED | | | | | | |
| SURVIVOR CURVE.. IOWA 7-L4 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1989 | 6,468.00 | 6,145 | 6,145 | | | |
| 2001 | 207,470.00 | 176,823 | 143,986 | 53,110 | 0.72 | 53,110 |
| | 213,938.00 | 182,968 | 150,131 | 53,110 | | 53,110 |
| HEAVY TRUCKS / POWER EQUIPPED | | | | | | |
| SURVIVOR CURVE.. IOWA 10-L2 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1986 | 27,652.00 | 24,877 | 20,412 | 5,857 | 0.53 | 5,857 |
| 1987 | 43,536.00 | 38,423 | 31,527 | 9,832 | 0.71 | 9,832 |
| 1988 | 144,040.00 | 124,659 | 102,287 | 34,551 | 0.89 | 34,551 |
| 1989 | 186,304.00 | 158,051 | 129,686 | 47,303 | 1.07 | 44,208 |
| 1990 | 177,810.00 | 147,636 | 121,140 | 47,779 | 1.26 | 37,920 |
| 1991 | 84,052.00 | 68,271 | 56,019 | 23,831 | 1.45 | 16,435 |
| 1992 | 36,545.00 | 28,989 | 23,786 | 10,931 | 1.65 | 6,625 |
| 1993 | 214,223.00 | 165,659 | 135,929 | 67,583 | 1.86 | 36,335 |
| 1998 | 888,990.00 | 588,645 | 483,003 | 361,538 | 3.03 | 119,319 |
| 2001 | 1,797,837.00 | 1,064,050 | 873,088 | 834,857 | 3.77 | 221,447 |
| 2002 | 175,820.00 | 100,050 | 82,094 | 84,935 | 4.01 | 21,181 |
| | 3,776,809.00 | 2,509,310 | 2,058,972 | 1,528,997 | | 553,710 |

DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| TRACTORS | | | | | | |
| SURVIVOR CURVE.. IOWA 13-L3 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1992 | 74,727.00 | 57,666 | 47,317 | 23,674 | 2.44 | 9,702 |
| 1993 | 18,434.00 | 13,875 | 11,385 | 6,127 | 2.70 | 2,269 |
| 2002 | 129,107.00 | 76,704 | 62,938 | 59,713 | 4.87 | 12,261 |
| | 222,268.00 | 148,245 | 121,640 | 89,515 | | 24,232 |
| TRAILERS | | | | | | |
| SURVIVOR CURVE.. IOWA 16-L0.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1953 | 53.00 | 46 | 38 | 13 | 1.42 | 9 |
| 1957 | 2.00 | 2 | 2 | | | |
| 1961 | 1,704.00 | 1,374 | 1,127 | 491 | 2.42 | 203 |
| 1966 | 2,537.00 | 1,949 | 1,599 | 811 | 3.06 | 265 |
| 1967 | 1.00 | 1 | 1 | | | |
| 1968 | 11,307.00 | 8,540 | 7,007 | 3,734 | 3.28 | 1,138 |
| 1969 | 22,109.00 | 16,553 | 13,582 | 7,421 | 3.39 | 2,189 |
| 1970 | 1,766.00 | 1,312 | 1,077 | 601 | 3.49 | 172 |
| 1971 | 16,476.00 | 12,140 | 9,961 | 5,691 | 3.59 | 1,585 |
| 1972 | 2,163.00 | 1,580 | 1,296 | 758 | 3.70 | 205 |
| 1973 | 12,528.00 | 9,068 | 7,441 | 4,461 | 3.81 | 1,171 |
| 1974 | 7,111.00 | 5,100 | 4,185 | 2,571 | 3.92 | 656 |
| 1975 | 2,709.00 | 1,924 | 1,579 | 995 | 4.04 | 246 |
| 1976 | 5,181.00 | 3,639 | 2,986 | 1,936 | 4.17 | 464 |
| 1977 | 14,476.00 | 10,048 | 8,245 | 5,507 | 4.31 | 1,278 |
| 1978 | 24,918.00 | 17,074 | 14,010 | 9,662 | 4.46 | 2,166 |
| 1979 | 62,756.00 | 42,441 | 34,824 | 24,794 | 4.61 | 5,378 |
| 1980 | 23,097.00 | 15,401 | 12,637 | 9,305 | 4.77 | 1,951 |
| 1981 | 75,294.00 | 49,445 | 40,571 | 30,958 | 4.94 | 6,267 |
| 1982 | 23,592.00 | 15,240 | 12,505 | 9,907 | 5.12 | 1,935 |
| 1983 | 12,224.00 | 7,759 | 6,367 | 5,246 | 5.31 | 988 |
| 1984 | 28,085.00 | 17,509 | 14,367 | 12,314 | 5.50 | 2,239 |
| 1985 | 79,185.00 | 48,427 | 39,736 | 35,490 | 5.70 | 6,226 |
| 1986 | 99,547.00 | 59,638 | 48,935 | 45,635 | 5.91 | 7,722 |
| 1987 | 105,329.00 | 61,727 | 50,649 | 49,414 | 6.13 | 8,061 |
| 1988 | 189,465.00 | 108,445 | 88,983 | 91,009 | 6.36 | 14,310 |
| 1989 | 320,137.00 | 178,865 | 146,765 | 157,366 | 6.59 | 23,880 |
| 1990 | 269,924.00 | 146,964 | 120,589 | 135,839 | 6.83 | 19,889 |
| 1991 | 328,867.00 | 173,982 | 142,758 | 169,666 | 7.09 | 23,930 |
| 1992 | 149,698.00 | 76,883 | 63,085 | 79,128 | 7.35 | 10,766 |
| 1993 | 700,945.00 | 348,764 | 286,172 | 379,725 | 7.62 | 49,833 |
| 1994 | 541,702.00 | 260,525 | 213,769 | 300,848 | 7.90 | 38,082 |
| 1995 | 480,551.00 | 223,126 | 183,082 | 273,441 | 8.18 | 33,428 |
| 1996 | 175,530.00 | 78,374 | 64,308 | 102,445 | 8.48 | 12,081 |

DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| TRAILERS | | | | | | |
| SURVIVOR CURVE.. IOWA 16-L0.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1997 | 40,735.00 | 17,438 | 14,308 | 24,390 | 8.79 | 2,775 |
| 1998 | 28,456.00 | 11,641 | 9,552 | 17,481 | 9.11 | 1,919 |
| 1999 | 22,348.00 | 8,691 | 7,131 | 14,099 | 9.45 | 1,492 |
| 2000 | 5,391.00 | 1,988 | 1,631 | 3,490 | 9.79 | 356 |
| 2001 | 160,921.00 | 55,894 | 45,863 | 107,012 | 10.15 | 10,543 |
| 2002 | 151,966.00 | 49,446 | 40,572 | 103,796 | 10.52 | 9,867 |
| 2003 | 699.00 | 212 | 174 | 490 | 10.90 | 45 |
| 2006 | 21,305.00 | 4,744 | 3,893 | 16,347 | 12.25 | 1,334 |
| 2007 | 55,307.00 | 10,508 | 8,622 | 43,919 | 12.80 | 3,431 |
| 2008 | 207,767.00 | 32,074 | 26,318 | 171,061 | 13.40 | 12,766 |
| 2009 | 33,024.00 | 3,824 | 3,138 | 28,235 | 14.05 | 2,010 |
| | 4,518,888.00 | 2,200,325 | 1,805,439 | 2,487,505 | | 325,251 |
| | 12,624,770.40 | 7,602,971 | 6,238,488 | 5,755,045 | | 1,691,989 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.4 13.40

DUKE ENERGY CAROLINAS

ACCOUNT 393 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 20-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1990 | 26,293.00 | 26,293 | 26,293 | | | |
| 1991 | 3,915.00 | 3,915 | 3,915 | | | |
| 1997 | 42,758.00 | 31,000 | 42,758 | | | |
| 2000 | 79,448.00 | 45,683 | 79,448 | | | |
| 2001 | 1,454,112.00 | 763,409 | 1,454,112 | | | |
| 2002 | 177,040.00 | 84,094 | 177,040 | | | |
| 2007 | 5,926.00 | 1,333 | 4,579 | 1,347 | 15.50 | 87 |
| 2008 | 87,877.78 | 15,379 | 52,832 | 35,046 | 16.50 | 2,124 |
| 2009 | 611,530.67 | 76,441 | 262,601 | 348,930 | 17.50 | 19,939 |
| 2010 | 990,397.43 | 74,280 | 255,177 | 735,220 | 18.50 | 39,742 |
| 2011 | 1,879,660.54 | 46,992 | 161,433 | 1,718,228 | 19.50 | 88,114 |
| | 5,358,958.42 | 1,168,819 | 2,520,188 | 2,838,770 | | 150,006 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 18.9 2.80

DUKE ENERGY CAROLINAS

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 20-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1992 | 146.00 | 142 | 48 | 98 | 0.50 | 98 |
| 1994 | 24,341.00 | 21,298 | 7,254 | 17,087 | 2.50 | 6,835 |
| 1996 | 5,481.00 | 4,248 | 1,447 | 4,034 | 4.50 | 896 |
| 1997 | 1,542.00 | 1,118 | 381 | 1,161 | 5.50 | 211 |
| 1998 | 3,955.00 | 2,670 | 909 | 3,046 | 6.50 | 469 |
| 1999 | 1,248,614.00 | 780,384 | 265,778 | 982,836 | 7.50 | 131,045 |
| 2000 | 3,297,828.00 | 1,896,251 | 645,812 | 2,652,016 | 8.50 | 312,002 |
| 2001 | 1,434,139.00 | 752,923 | 256,425 | 1,177,714 | 9.50 | 123,970 |
| 2002 | 1,857,020.00 | 882,084 | 300,414 | 1,556,606 | 10.50 | 148,248 |
| 2003 | 2,903,174.00 | 1,233,849 | 420,215 | 2,482,959 | 11.50 | 215,909 |
| 2004 | 2,319,675.00 | 869,878 | 296,257 | 2,023,418 | 12.50 | 161,873 |
| 2005 | 5,589,577.00 | 1,816,613 | 618,689 | 4,970,888 | 13.50 | 368,214 |
| 2006 | 5,380,134.00 | 1,479,537 | 503,890 | 4,876,244 | 14.50 | 336,293 |
| 2007 | 5,182,715.00 | 1,166,111 | 397,146 | 4,785,569 | 15.50 | 308,746 |
| 2008 | 4,261,677.43 | 745,794 | 253,997 | 4,007,680 | 16.50 | 242,890 |
| 2009 | 2,555,132.33 | 319,392 | 108,776 | 2,446,356 | 17.50 | 139,792 |
| 2010 | 2,811,769.27 | 210,883 | 71,821 | 2,739,948 | 18.50 | 148,105 |
| 2011 | 4,891,045.50 | 122,276 | 41,644 | 4,849,402 | 19.50 | 248,687 |
| | 43,767,965.53 | 12,305,451 | 4,190,903 | 39,577,063 | | 2,894,283 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.7 6.61

DUKE ENERGY CAROLINAS

ACCOUNT 395 LABORATORY EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 15-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1999 | 722,101.00 | 601,748 | 190,265 | 531,836 | 2.50 | 212,734 |
| 2000 | 1,052,646.00 | 807,032 | 255,174 | 797,472 | 3.50 | 227,849 |
| 2001 | 576,834.00 | 403,784 | 127,672 | 449,162 | 4.50 | 99,814 |
| 2002 | 790,025.00 | 500,347 | 158,204 | 631,821 | 5.50 | 114,877 |
| 2003 | 391,102.00 | 221,626 | 70,075 | 321,027 | 6.50 | 49,389 |
| 2004 | 574,698.00 | 287,349 | 90,856 | 483,842 | 7.50 | 64,512 |
| 2005 | 478,750.00 | 207,457 | 65,595 | 413,155 | 8.50 | 48,606 |
| 2006 | 1,888,314.00 | 692,388 | 218,925 | 1,669,389 | 9.50 | 175,725 |
| 2007 | 996,997.00 | 299,099 | 94,572 | 902,425 | 10.50 | 85,945 |
| 2008 | 428,716.57 | 100,032 | 31,629 | 397,088 | 11.50 | 34,529 |
| 2009 | 538,636.10 | 89,774 | 28,385 | 510,251 | 12.50 | 40,820 |
| 2010 | 207,502.28 | 20,750 | 6,561 | 200,941 | 13.50 | 14,885 |
| 2011 | 186,364.22 | 6,212 | 1,964 | 184,400 | 14.50 | 12,717 |
| | 8,832,686.17 | 4,237,598 | 1,339,877 | 7,492,809 | | 1,182,402 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.3 13.39

DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| TRENCHERS AND CABLE PLOWS | | | | | | |
| SURVIVOR CURVE.. IOWA 10-L1 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1976 | 6,650.00 | 6,318 | 6,318 | | | |
| 1990 | 11,844.00 | 9,170 | 6,605 | 4,647 | 1.85 | 2,512 |
| 1992 | 1,422.00 | 1,047 | 754 | 597 | 2.25 | 265 |
| 1999 | 52,470.00 | 30,207 | 21,757 | 28,090 | 3.94 | 7,129 |
| | 72,386.00 | 46,742 | 35,433 | 33,334 | | 9,906 |
| RUBBER TIRED TRACTORS | | | | | | |
| SURVIVOR CURVE.. IOWA 10-L1 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1968 | 5,190.00 | 4,930 | 4,931 | | | |
| 1979 | 12,678.00 | 12,044 | 12,044 | | | |
| 1984 | 27,480.00 | 24,096 | 18,110 | 7,996 | 0.77 | 7,996 |
| 1985 | 26,076.00 | 22,444 | 16,869 | 7,903 | 0.94 | 7,903 |
| 1986 | 14,169.00 | 11,966 | 8,994 | 4,467 | 1.11 | 4,024 |
| 1987 | 17,744.00 | 14,682 | 11,035 | 5,822 | 1.29 | 4,513 |
| 1988 | 88,356.00 | 71,599 | 53,814 | 30,125 | 1.47 | 20,493 |
| 1989 | 102,758.00 | 81,513 | 61,265 | 36,355 | 1.65 | 22,033 |
| 1990 | 50,131.00 | 38,814 | 29,172 | 18,452 | 1.85 | 9,974 |
| 1991 | 76,246.00 | 57,585 | 43,281 | 29,153 | 2.05 | 14,221 |
| 1992 | 77,665.00 | 57,181 | 42,977 | 30,805 | 2.25 | 13,691 |
| 1993 | 160,119.00 | 114,541 | 86,089 | 66,024 | 2.47 | 26,730 |
| 1995 | 44,390.00 | 29,857 | 22,440 | 19,730 | 2.92 | 6,757 |
| 2001 | 118,680.00 | 61,672 | 46,353 | 66,393 | 4.53 | 14,656 |
| 2002 | 102,482.00 | 50,237 | 37,758 | 59,600 | 4.84 | 12,314 |
| | 924,164.00 | 653,161 | 495,131 | 382,825 | | 165,305 |
| HEAVY CONSTRUCTION EQUIPMENT | | | | | | |
| SURVIVOR CURVE.. IOWA 14-S0 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1987 | 210,913.00 | 181,761 | 137,785 | 62,583 | 1.30 | 48,141 |
| 1988 | 293,071.00 | 245,205 | 185,879 | 92,539 | 1.67 | 55,413 |
| 1990 | 741,055.00 | 580,802 | 440,279 | 263,723 | 2.45 | 107,642 |
| 1991 | 145,810.00 | 110,419 | 83,704 | 54,816 | 2.84 | 19,301 |
| 1993 | 580,356.00 | 407,599 | 308,982 | 242,356 | 3.65 | 66,399 |
| 1995 | 355,926.00 | 229,928 | 174,298 | 163,832 | 4.48 | 36,570 |
| 2001 | 88,770.00 | 40,961 | 31,051 | 53,281 | 7.20 | 7,400 |
| | 2,415,901.00 | 1,796,675 | 1,361,977 | 933,129 | | 340,866 |

DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MOBILE CRANES | | | | | | |
| SURVIVOR CURVE.. IOWA 19-S1.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1978 | 256,583.00 | 228,743 | 173,400 | 70,354 | 1.17 | 60,132 |
| 1979 | 40,000.00 | 35,160 | 26,653 | 11,347 | 1.42 | 7,991 |
| 1986 | 261,767.00 | 205,879 | 156,067 | 92,611 | 3.27 | 28,321 |
| 1987 | 859,413.00 | 663,466 | 502,943 | 313,499 | 3.56 | 88,062 |
| 1988 | 22,994.00 | 17,395 | 13,186 | 8,658 | 3.87 | 2,237 |
| 1989 | 2,427.00 | 1,797 | 1,362 | 943 | 4.19 | 225 |
| 1990 | 209,787.00 | 151,781 | 115,058 | 84,239 | 4.53 | 18,596 |
| 1992 | 170,082.00 | 116,847 | 88,576 | 73,002 | 5.26 | 13,879 |
| 1993 | 312,286.00 | 208,296 | 157,900 | 138,772 | 5.66 | 24,518 |
| 1995 | 355,100.00 | 221,406 | 167,838 | 169,507 | 6.53 | 25,958 |
| 2001 | 329,750.00 | 150,366 | 113,986 | 199,277 | 9.88 | 20,170 |
| | 2,820,189.00 | 2,001,136 | 1,516,969 | 1,162,211 | | 290,089 |
| FORKLIFTS | | | | | | |
| SURVIVOR CURVE.. IOWA 16-L2.5 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1967 | 8,526.00 | 7,983 | 6,052 | 2,048 | 0.23 | 2,048 |
| 1974 | 28,303.00 | 24,485 | 18,561 | 8,327 | 1.43 | 5,823 |
| 1978 | 72,863.00 | 60,264 | 45,683 | 23,536 | 2.07 | 11,370 |
| 1984 | 36,686.00 | 28,251 | 21,416 | 13,436 | 3.03 | 4,434 |
| 1986 | 57,485.00 | 42,903 | 32,523 | 22,088 | 3.43 | 6,440 |
| 1987 | 134,487.00 | 98,617 | 74,757 | 53,006 | 3.65 | 14,522 |
| 1988 | 180,267.00 | 129,831 | 98,419 | 72,835 | 3.87 | 18,820 |
| 1989 | 262,479.00 | 185,301 | 140,468 | 108,887 | 4.11 | 26,493 |
| 1990 | 163,309.00 | 112,963 | 85,632 | 69,512 | 4.35 | 15,980 |
| 1991 | 293,083.00 | 198,553 | 150,514 | 127,915 | 4.59 | 27,868 |
| 1992 | 181,718.00 | 120,627 | 91,442 | 81,190 | 4.82 | 16,844 |
| 1993 | 96,114.00 | 62,546 | 47,413 | 43,895 | 5.04 | 8,709 |
| 1994 | 172,271.00 | 110,060 | 83,431 | 80,226 | 5.24 | 15,310 |
| 1995 | 353,781.00 | 222,029 | 168,310 | 167,782 | 5.43 | 30,899 |
| 1996 | 190,086.00 | 117,266 | 88,894 | 91,688 | 5.61 | 16,344 |
| 1997 | 16,004.00 | 9,683 | 7,340 | 7,864 | 5.81 | 1,354 |
| | 2,247,462.00 | 1,531,362 | 1,160,855 | 974,234 | | 223,258 |
| TRAILERS WITH MOUNTED EQUIPMENT | | | | | | |
| SURVIVOR CURVE.. IOWA 15-L3 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1987 | 43,470.00 | 34,909 | 26,463 | 14,834 | 2.32 | 6,394 |
| 1988 | 5,954.00 | 4,687 | 3,553 | 2,103 | 2.57 | 818 |

DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| TRAILERS WITH MOUNTED EQUIPMENT | | | | | | |
| SURVIVOR CURVE.. IOWA 15-L3 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1989 | 10,267.00 | 7,920 | 6,004 | 3,750 | 2.82 | 1,330 |
| 1990 | 81,345.00 | 61,461 | 46,591 | 30,687 | 3.07 | 9,996 |
| 1991 | 55,574.00 | 41,075 | 31,137 | 21,658 | 3.33 | 6,504 |
| 1992 | 17,048.00 | 12,320 | 9,339 | 6,856 | 3.59 | 1,910 |
| 1994 | 29,767.00 | 20,624 | 15,634 | 12,645 | 4.06 | 3,115 |
| 1995 | 230,443.00 | 156,894 | 118,934 | 99,987 | 4.25 | 23,526 |
| 1996 | 251,260.00 | 168,360 | 127,626 | 111,071 | 4.42 | 25,129 |
| 2001 | 55,429.00 | 32,156 | 24,376 | 28,282 | 5.84 | 4,843 |
| | 780,557.00 | 540,406 | 409,657 | 331,872 | | 83,565 |
| MISCELLANEOUS NON-HIGHWAY EQUIPMENT | | | | | | |
| SURVIVOR CURVE.. IOWA 12-L2 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1974 | 6,172.00 | 5,863 | 5,863 | | | |
| 1979 | 7,000.00 | 6,473 | 4,901 | 1,749 | 0.32 | 1,749 |
| 1981 | 2,177.00 | 1,954 | 1,480 | 589 | 0.66 | 589 |
| 1984 | 24,804.00 | 21,227 | 16,073 | 7,491 | 1.19 | 6,295 |
| 1985 | 2,216.00 | 1,863 | 1,411 | 695 | 1.38 | 504 |
| 1987 | 11,763.00 | 9,536 | 7,221 | 3,954 | 1.76 | 2,247 |
| 1988 | 4,743.00 | 3,770 | 2,855 | 1,651 | 1.96 | 842 |
| 1989 | 25,302.00 | 19,690 | 14,909 | 9,128 | 2.17 | 4,206 |
| 1991 | 67,452.00 | 50,195 | 38,008 | 26,071 | 2.60 | 10,027 |
| 1992 | 23,812.00 | 17,287 | 13,090 | 9,532 | 2.83 | 3,368 |
| 1993 | 81,428.00 | 57,566 | 43,589 | 33,767 | 3.07 | 10,999 |
| 1994 | 223,688.00 | 153,889 | 116,526 | 95,978 | 3.31 | 28,996 |
| 1995 | 336,258.00 | 224,675 | 170,125 | 149,320 | 3.56 | 41,944 |
| 1996 | 90,151.00 | 58,452 | 44,260 | 41,383 | 3.81 | 10,862 |
| 1997 | 42,409.00 | 26,658 | 20,186 | 20,103 | 4.06 | 4,951 |
| 2001 | 359,989.00 | 198,354 | 150,195 | 191,795 | 5.04 | 38,055 |
| 2002 | 109,444.00 | 57,878 | 43,826 | 60,146 | 5.32 | 11,306 |
| 2003 | 7,524.00 | 3,788 | 2,868 | 4,280 | 5.64 | 759 |
| 2005 | 578,343.00 | 249,989 | 189,293 | 360,133 | 6.54 | 55,066 |
| 2006 | 813,708.00 | 311,783 | 236,084 | 536,939 | 7.16 | 74,991 |
| 2007 | 208,074.00 | 67,702 | 51,264 | 146,406 | 7.89 | 18,556 |
| 2008 | 504,809.00 | 131,483 | 99,560 | 380,009 | 8.71 | 43,629 |
| | 3,531,266.00 | 1,680,075 | 1,273,587 | 2,081,116 | | 369,941 |

DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| MISCELLANEOUS EQUIPMENT | | | | | | |
| SURVIVOR CURVE.. IOWA 12-L2 | | | | | | |
| NET SALVAGE PERCENT.. +5 | | | | | | |
| 1997 | 104,944.00 | 65,966 | 50,006 | 49,691 | 4.06 | 12,239 |
| 1998 | 39,275.00 | 23,910 | 18,125 | 19,186 | 4.31 | 4,452 |
| 2000 | 41,069.00 | 23,442 | 17,770 | 21,245 | 4.79 | 4,435 |
| 2003 | 4,587.00 | 2,310 | 1,751 | 2,607 | 5.64 | 462 |
| 2008 | 42,275.82 | 11,011 | 8,347 | 31,815 | 8.71 | 3,653 |
| 2009 | 665,478.67 | 126,966 | 96,247 | 535,958 | 9.59 | 55,887 |
| 2010 | 1,011,343.46 | 118,493 | 89,824 | 870,952 | 10.52 | 82,790 |
| 2011 | 1,935,686.66 | 76,627 | 58,087 | 1,780,815 | 11.50 | 154,853 |
| | 3,844,659.61 | 448,725 | 340,158 | 3,312,269 | | 318,771 |
| | 16,636,584.61 | 8,698,282 | 6,593,767 | 9,210,990 | | 1,801,701 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.1 10.83

DUKE ENERGY CAROLINAS

ACCOUNT 397 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 10-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 2002 | 3,373,430.00 | 3,204,758 | 57,129 | 3,316,301 | 0.50 | 3,316,301 |
| 2004 | 2,487,675.00 | 1,865,756 | 33,260 | 2,454,415 | 2.50 | 981,766 |
| 2005 | 2,448,069.00 | 1,591,245 | 28,366 | 2,419,703 | 3.50 | 691,344 |
| 2006 | 4,338,232.00 | 2,386,028 | 42,534 | 4,295,698 | 4.50 | 954,600 |
| 2007 | 7,782,237.93 | 3,502,007 | 62,428 | 7,719,810 | 5.50 | 1,403,602 |
| 2008 | 12,127,759.07 | 4,244,716 | 75,668 | 12,052,091 | 6.50 | 1,854,168 |
| 2009 | 8,631,184.47 | 2,157,796 | 38,465 | 8,592,719 | 7.50 | 1,145,696 |
| 2010 | 43,222,041.00 | 6,483,306 | 115,573 | 43,106,468 | 8.50 | 5,071,349 |
| 2011 | 15,245,728.53 | 762,286 | 13,589 | 15,232,140 | 9.50 | 1,603,383 |
| | 99,656,357.00 | 26,197,898 | 467,012 | 99,189,345 | | 17,022,209 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.8 17.08

DUKE ENERGY CAROLINAS

ACCOUNT 398 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| SURVIVOR CURVE.. 20-SQUARE | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1993 | 901.00 | 833 | 189- | 1,090 | 1.50 | 727 |
| 1995 | 2,967.00 | 2,448 | 554- | 3,521 | 3.50 | 1,006 |
| 1996 | 21,353.00 | 16,549 | 3,748- | 25,101 | 4.50 | 5,578 |
| 1999 | 56,219.00 | 35,137 | 7,958- | 64,177 | 7.50 | 8,557 |
| 2000 | 360,008.00 | 207,005 | 46,883- | 406,891 | 8.50 | 47,870 |
| 2001 | 338,804.00 | 177,872 | 40,285- | 379,089 | 9.50 | 39,904 |
| 2002 | 83,085.00 | 39,465 | 8,938- | 92,023 | 10.50 | 8,764 |
| 2006 | 805,841.00 | 221,606 | 50,189- | 856,030 | 14.50 | 59,037 |
| 2007 | 322,046.00 | 72,460 | 16,411- | 338,457 | 15.50 | 21,836 |
| 2008 | 538,111.18 | 94,169 | 21,327- | 559,438 | 16.50 | 33,905 |
| 2009 | 111,050.72 | 13,881 | 3,144- | 114,195 | 17.50 | 6,525 |
| 2010 | 179,537.88 | 13,465 | 3,050- | 182,588 | 18.50 | 9,870 |
| 2011 | 47,752.52 | 1,194 | 270- | 48,023 | 19.50 | 2,463 |
| | 2,867,676.30 | 896,084 | 202,946- | 3,070,622 | | 246,042 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.5 8.58

DUKE ENERGY CAROLINAS

ACCOUNT 310 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUCK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-R4 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. 0 | | | | | | |
| 1926 | 109.00 | 105 | 109 | | | |
| 1959 | 209.00 | 196 | 377 | 168- | | |
| | 318.00 | 301 | 486 | 168- | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUCK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1926 | 761,381.50 | 774,335 | 685,970 | 128,708 | 3.38 | 38,079 |
| 1941 | 692,190.27 | 699,197 | 619,407 | 121,237 | 3.41 | 35,553 |
| 1942 | 382,177.00 | 385,833 | 341,803 | 67,126 | 3.41 | 19,685 |
| 1953 | 4,135,183.60 | 4,142,044 | 3,669,367 | 755,279 | 3.43 | 220,198 |
| 1958 | 2,753.00 | 2,745 | 2,432 | 514 | 3.43 | 150 |
| 1960 | 209,636.00 | 208,580 | 184,778 | 39,533 | 3.43 | 11,526 |
| 1967 | 646.00 | 637 | 564 | 127 | 3.44 | 37 |
| 1970 | 15,573.00 | 15,275 | 13,532 | 3,131 | 3.45 | 908 |
| 1971 | 1,086,980.00 | 1,064,266 | 942,815 | 220,253 | 3.45 | 63,841 |
| 1973 | 1,837,562.00 | 1,792,262 | 1,587,735 | 378,457 | 3.45 | 109,698 |
| 1975 | 48,914.00 | 47,505 | 42,084 | 10,254 | 3.45 | 2,972 |
| 1976 | 1,060.00 | 1,027 | 910 | 224 | 3.45 | 65 |
| 1977 | 20,698.00 | 20,007 | 17,724 | 4,423 | 3.45 | 1,282 |
| 1978 | 62,362.00 | 60,123 | 53,262 | 13,465 | 3.45 | 3,903 |
| 1983 | 176,122.00 | 167,101 | 148,032 | 40,419 | 3.46 | 11,682 |
| 1984 | 55,522.00 | 52,478 | 46,489 | 12,919 | 3.46 | 3,734 |
| 1985 | 59,979.00 | 56,460 | 50,017 | 14,161 | 3.46 | 4,093 |
| 1987 | 31,226.00 | 29,127 | 25,803 | 7,609 | 3.46 | 2,199 |
| 1988 | 234,436.00 | 217,567 | 192,739 | 58,108 | 3.46 | 16,794 |
| 1989 | 356,161.00 | 328,555 | 291,061 | 90,031 | 3.47 | 25,946 |
| 1990 | 137,104.00 | 125,710 | 111,364 | 35,337 | 3.47 | 10,184 |
| 1991 | 1,533,337.00 | 1,396,637 | 1,237,257 | 403,413 | 3.47 | 116,257 |
| 1992 | 213,577.00 | 193,126 | 171,087 | 57,440 | 3.47 | 16,553 |
| 1993 | 535,013.00 | 479,942 | 425,173 | 147,291 | 3.47 | 42,447 |
| 1994 | 740,097.00 | 658,056 | 582,961 | 208,943 | 3.47 | 60,214 |
| 1995 | 270,394.00 | 238,074 | 210,906 | 78,416 | 3.47 | 22,598 |
| 1996 | 21,350.00 | 18,592 | 16,470 | 6,374 | 3.47 | 1,837 |
| 1997 | 119,537.00 | 102,815 | 91,082 | 36,823 | 3.47 | 10,612 |
| 1998 | 10,638.00 | 9,015 | 7,986 | 3,396 | 3.48 | 976 |
| 1999 | 29,015.00 | 24,195 | 21,434 | 9,612 | 3.48 | 2,762 |
| 2000 | 428,008.00 | 350,355 | 310,374 | 147,595 | 3.48 | 42,412 |
| 2003 | 68,422.00 | 51,802 | 45,891 | 27,321 | 3.48 | 7,851 |
| 2004 | 35,590.00 | 25,946 | 22,985 | 15,096 | 3.48 | 4,338 |
| 2005 | 16,668.00 | 11,591 | 10,268 | 7,566 | 3.48 | 2,174 |
| 2006 | 27,644.00 | 18,045 | 15,986 | 13,593 | 3.49 | 3,895 |
| 2007 | 80,349.00 | 48,327 | 42,812 | 43,161 | 3.49 | 12,367 |
| 2008 | 191,876.94 | 102,654 | 90,939 | 114,369 | 3.49 | 32,770 |
| 2009 | 639,665.06 | 284,995 | 252,472 | 431,969 | 3.49 | 123,773 |
| 2010 | 507,554.84 | 163,251 | 144,621 | 398,462 | 3.49 | 114,172 |
| 2011 | 58,518.72 | 7,690 | 6,812 | 55,803 | 3.50 | 15,944 |
| | 15,834,920.93 | 14,375,942 | 12,735,405 | 4,207,960 | | 1,216,481 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.5 7.68

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUCK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1953 | 3,963,090.53 | 4,067,538 | 2,738,455 | 1,620,944 | 2.95 | 549,473 |
| 1958 | 260,975.32 | 266,602 | 179,489 | 107,584 | 3.07 | 35,044 |
| 1960 | 130,401.82 | 132,909 | 89,481 | 53,962 | 3.12 | 17,296 |
| 1961 | 142.92 | 146 | 98 | 59 | 3.14 | 19 |
| 1966 | 30,787.30 | 31,148 | 20,970 | 12,896 | 3.23 | 3,993 |
| 1967 | 22,233.84 | 22,466 | 15,125 | 9,332 | 3.24 | 2,880 |
| 1968 | 28,123.23 | 28,370 | 19,100 | 11,836 | 3.26 | 3,631 |
| 1969 | 5,778.38 | 5,821 | 3,919 | 2,437 | 3.27 | 745 |
| 1970 | 346,715.58 | 348,599 | 234,693 | 146,694 | 3.29 | 44,588 |
| 1971 | 147,249.26 | 147,803 | 99,508 | 62,466 | 3.30 | 18,929 |
| 1972 | 6,708.73 | 6,722 | 4,526 | 2,854 | 3.31 | 862 |
| 1973 | 5,553,446.85 | 5,553,930 | 3,739,163 | 2,369,628 | 3.32 | 713,743 |
| 1974 | 13,255.80 | 13,230 | 8,907 | 5,674 | 3.33 | 1,704 |
| 1975 | 171,362.51 | 170,663 | 114,898 | 73,601 | 3.34 | 22,036 |
| 1976 | 358,266.10 | 355,980 | 239,662 | 154,430 | 3.35 | 46,099 |
| 1978 | 734,161.28 | 725,778 | 488,627 | 318,950 | 3.37 | 94,644 |
| 1979 | 482,893.00 | 476,040 | 320,492 | 210,690 | 3.38 | 62,334 |
| 1981 | 634,838.06 | 622,177 | 418,878 | 279,443 | 3.39 | 82,432 |
| 1982 | 193,399.41 | 188,891 | 127,170 | 85,569 | 3.40 | 25,167 |
| 1983 | 3,145,923.00 | 3,061,172 | 2,060,923 | 1,399,592 | 3.41 | 410,438 |
| 1984 | 53,938.00 | 52,297 | 35,209 | 24,123 | 3.41 | 7,074 |
| 1985 | 8,212.00 | 7,928 | 5,337 | 3,696 | 3.42 | 1,081 |
| 1986 | 30,129.00 | 28,966 | 19,501 | 13,641 | 3.42 | 3,989 |
| 1988 | 2,497,833.00 | 2,377,595 | 1,600,707 | 1,146,909 | 3.43 | 334,376 |
| 1989 | 762,070.00 | 721,153 | 485,514 | 352,763 | 3.44 | 102,547 |
| 1991 | 33,833,540.12 | 31,621,334 | 21,288,948 | 15,927,946 | 3.44 | 4,630,217 |
| 1992 | 2,086,366.29 | 1,935,101 | 1,302,800 | 992,203 | 3.45 | 287,595 |
| 1993 | 7,592.22 | 6,987 | 4,704 | 3,647 | 3.45 | 1,057 |
| 1994 | 231,241.00 | 210,942 | 142,016 | 112,349 | 3.45 | 32,565 |
| 1995 | 201,128.14 | 181,579 | 122,247 | 98,994 | 3.46 | 28,611 |
| 1996 | 638,952.00 | 570,606 | 384,158 | 318,689 | 3.46 | 92,107 |
| 1998 | 108,407.15 | 94,287 | 63,478 | 55,769 | 3.46 | 16,118 |
| 1999 | 1,192,111.49 | 1,019,632 | 686,464 | 624,859 | 3.47 | 180,075 |
| 2000 | 46,256.91 | 38,839 | 26,148 | 24,734 | 3.47 | 7,128 |
| 2001 | 159,584.43 | 131,113 | 88,271 | 87,272 | 3.47 | 25,150 |
| 2002 | 5,479,083.28 | 4,386,686 | 2,953,320 | 3,073,671 | 3.47 | 885,784 |
| 2003 | 200,055.00 | 155,347 | 104,587 | 115,474 | 3.47 | 33,278 |
| 2004 | 348,693.00 | 260,312 | 175,254 | 208,308 | 3.48 | 59,859 |
| 2005 | 2,537,396.00 | 1,807,037 | 1,216,581 | 1,574,555 | 3.48 | 452,458 |
| 2006 | 494,560.52 | 331,061 | 222,886 | 321,131 | 3.48 | 92,279 |
| 2007 | 525,354.00 | 323,971 | 218,112 | 359,777 | 3.48 | 103,384 |
| 2008 | 8,781,680.55 | 4,816,014 | 3,242,364 | 6,417,485 | 3.48 | 1,844,105 |

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUCK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 2009 | 1,196,937.45 | 547,863 | 368,847 | 947,784 | 3.48 | 272,352 |
| 2010 | 287,893.22 | 94,941 | 63,919 | 252,764 | 3.48 | 72,633 |
| 2011 | 301,955.99 | 40,895 | 27,532 | 304,619 | 3.49 | 87,283 |
| | 78,240,723.68 | 67,988,471 | 45,772,991 | 40,291,805 | | 11,789,162 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.4 15.07

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| BUCK | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 6-2015 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1953 | 6,028,077.01 | 5,908,254 | 3,861,769 | 2,467,712 | 3.34 | 738,836 |
| 1960 | 13,262.05 | 12,917 | 8,443 | 5,482 | 3.37 | 1,627 |
| 1964 | 6,828.75 | 6,622 | 4,328 | 2,842 | 3.38 | 841 |
| 1968 | 5,897.02 | 5,686 | 3,716 | 2,475 | 3.40 | 728 |
| 1969 | 397.53 | 383 | 250 | 167 | 3.40 | 49 |
| 1971 | 81,960.24 | 78,658 | 51,413 | 34,646 | 3.40 | 10,190 |
| 1975 | 10,121.37 | 9,635 | 6,298 | 4,330 | 3.42 | 1,266 |
| 1978 | 16,973.00 | 16,045 | 10,487 | 7,334 | 3.42 | 2,144 |
| 1979 | 579,304.00 | 546,007 | 356,883 | 251,387 | 3.43 | 73,291 |
| 1981 | 150.00 | 141 | 92 | 65 | 3.43 | 19 |
| 1983 | 47,363.82 | 44,074 | 28,808 | 20,924 | 3.44 | 6,083 |
| 1984 | 16,009.00 | 14,842 | 9,701 | 7,108 | 3.44 | 2,066 |
| 1985 | 114.00 | 105 | 69 | 51 | 3.44 | 15 |
| 1988 | 21,345.13 | 19,430 | 12,700 | 9,712 | 3.45 | 2,815 |
| 1991 | 7,103,418.00 | 6,348,154 | 4,149,298 | 3,309,291 | 3.46 | 956,442 |
| 1992 | 167,848.00 | 148,932 | 97,345 | 78,895 | 3.46 | 22,802 |
| 1993 | 20,406.00 | 17,964 | 11,742 | 9,685 | 3.46 | 2,799 |
| 2001 | 32,124.18 | 25,249 | 16,503 | 17,227 | 3.48 | 4,950 |
| 2002 | 1,543,347.00 | 1,182,327 | 772,796 | 847,719 | 3.48 | 243,597 |
| 2004 | 77,221.00 | 55,243 | 36,108 | 44,974 | 3.48 | 12,924 |
| 2008 | 6,855,106.89 | 3,598,931 | 2,352,343 | 4,845,519 | 3.49 | 1,388,401 |
| 2009 | 15,913.27 | 6,974 | 4,558 | 12,151 | 3.49 | 3,482 |
| 2010 | 8,827.28 | 2,786 | 1,821 | 7,448 | 3.49 | 2,134 |
| 2011 | 14,643.88 | 1,922 | 1,256 | 14,120 | 3.50 | 4,034 |
| | 22,666,658.42 | 18,051,281 | 11,798,728 | 12,001,263 | | 3,481,535 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.4 15.36

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

BUCK
INTERIM SURVIVOR CURVE.. IOWA 45-S1
PROBABLE RETIREMENT YEAR.. 6-2015
NET SALVAGE PERCENT.. -3

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 1953 | 484,828.22 | 463,997 | 282,168 | 217,205 | 3.08 | 70,521 |
| 1960 | 34,997.07 | 33,303 | 20,252 | 15,795 | 3.18 | 4,967 |
| 1961 | 6,181.46 | 5,876 | 3,573 | 2,794 | 3.20 | 873 |
| 1962 | 899.82 | 854 | 519 | 407 | 3.21 | 127 |
| 1963 | 627.86 | 596 | 362 | 284 | 3.22 | 88 |
| 1964 | 442.62 | 419 | 255 | 201 | 3.23 | 62 |
| 1965 | 57.58 | 55 | 33 | 26 | 3.24 | 8 |
| 1966 | 762.45 | 721 | 438 | 347 | 3.25 | 107 |
| 1967 | 2,104.20 | 1,987 | 1,208 | 959 | 3.26 | 294 |
| 1970 | 16,637.92 | 15,649 | 9,517 | 7,621 | 3.28 | 2,323 |
| 1971 | 709,395.84 | 666,181 | 405,121 | 325,557 | 3.29 | 98,953 |
| 1972 | 4,320.09 | 4,050 | 2,463 | 1,987 | 3.30 | 602 |
| 1973 | 930,629.37 | 870,879 | 529,603 | 428,945 | 3.31 | 129,591 |
| 1975 | 1,344.52 | 1,254 | 763 | 622 | 3.32 | 187 |
| 1978 | 65,086.55 | 60,262 | 36,647 | 30,392 | 3.35 | 9,072 |
| 1981 | 26,648.18 | 24,471 | 14,881 | 12,566 | 3.37 | 3,729 |
| 1983 | 608,202.00 | 554,939 | 337,472 | 288,976 | 3.38 | 85,496 |
| 1986 | 17,017.00 | 15,344 | 9,331 | 8,196 | 3.40 | 2,411 |
| 1987 | 117,740.00 | 105,701 | 64,279 | 56,993 | 3.40 | 16,763 |
| 1988 | 87,433.00 | 78,088 | 47,487 | 42,569 | 3.41 | 12,484 |
| 1991 | 14,689,335.00 | 12,890,924 | 7,839,287 | 7,290,728 | 3.42 | 2,131,792 |
| 1992 | 118,492.00 | 103,215 | 62,768 | 59,279 | 3.43 | 17,283 |
| 1994 | 1,450,662.00 | 1,242,711 | 755,723 | 738,459 | 3.44 | 214,668 |
| 1998 | 48,836.34 | 39,905 | 24,267 | 26,034 | 3.46 | 7,524 |
| 2001 | 46,909.00 | 36,229 | 22,032 | 26,285 | 3.47 | 7,575 |
| 2002 | 59,552.00 | 44,839 | 27,268 | 34,071 | 3.47 | 9,819 |
| 2003 | 23,956.00 | 17,477 | 10,628 | 14,046 | 3.48 | 4,036 |
| 2004 | 224,746.00 | 157,919 | 96,034 | 135,454 | 3.48 | 38,924 |
| 2006 | 127,816.00 | 80,429 | 48,911 | 82,740 | 3.49 | 23,708 |
| 2007 | 29,106.81 | 16,869 | 10,258 | 19,722 | 3.49 | 5,651 |
| 2008 | 1,171,912.03 | 604,404 | 367,553 | 839,516 | 3.49 | 240,549 |
| 2009 | 496,725.54 | 212,678 | 129,335 | 382,293 | 3.50 | 109,227 |
| 2010 | 435,197.39 | 134,476 | 81,778 | 366,475 | 3.50 | 104,707 |
| 2011 | 156,924.78 | 20,204 | 12,287 | 149,346 | 3.50 | 42,670 |
| | 22,195,526.64 | 18,506,905 | 11,254,503 | 11,606,889 | | 3,396,791 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.4 15.30

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

BUCK
INTERIM SURVIVOR CURVE.. IOWA 55-R2
PROBABLE RETIREMENT YEAR.. 6-2015
NET SALVAGE PERCENT.. -2

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| 1980 | 4,692.00 | 4,284 | 2,028 | 2,758 | 3.44 | 802 |
| 1981 | 15,744.00 | 14,331 | 6,784 | 9,275 | 3.44 | 2,696 |
| 1982 | 6,801.00 | 6,170 | 2,921 | 4,016 | 3.44 | 1,167 |
| 1983 | 137,832.00 | 124,570 | 58,972 | 81,617 | 3.45 | 23,657 |
| 1984 | 117.00 | 105 | 50 | 70 | 3.45 | 20 |
| 1985 | 10,801.00 | 9,686 | 4,585 | 6,432 | 3.45 | 1,864 |
| 1986 | 80,522.00 | 71,895 | 34,035 | 48,097 | 3.45 | 13,941 |
| 1987 | 29,887.00 | 26,548 | 12,568 | 17,917 | 3.46 | 5,178 |
| 1988 | 26,987.00 | 23,849 | 11,290 | 16,237 | 3.46 | 4,693 |
| 1989 | 134,610.00 | 118,300 | 56,004 | 81,299 | 3.46 | 23,497 |
| 1990 | 238,955.00 | 208,741 | 98,819 | 144,916 | 3.46 | 41,883 |
| 1991 | 205,076.00 | 177,968 | 84,251 | 124,927 | 3.46 | 36,106 |
| 1992 | 457,515.00 | 393,954 | 186,499 | 280,166 | 3.47 | 80,739 |
| 1993 | 374,537.00 | 319,906 | 151,444 | 230,583 | 3.47 | 66,450 |
| 1994 | 2,230,902.00 | 1,888,841 | 894,182 | 1,381,338 | 3.47 | 398,080 |
| 1995 | 342,053.00 | 286,746 | 135,746 | 213,148 | 3.47 | 61,426 |
| 1996 | 45,383.00 | 37,627 | 17,813 | 28,478 | 3.47 | 8,207 |
| 1997 | 22,388.00 | 18,333 | 8,679 | 14,157 | 3.47 | 4,080 |
| 1998 | 52,949.00 | 42,720 | 20,224 | 33,784 | 3.48 | 9,708 |
| 1999 | 3,962.00 | 3,145 | 1,489 | 2,552 | 3.48 | 733 |
| 2000 | 31,413.00 | 24,477 | 11,587 | 20,454 | 3.48 | 5,878 |
| 2001 | 288,171.00 | 219,704 | 104,008 | 189,926 | 3.48 | 54,576 |
| 2002 | 33,194.00 | 24,660 | 11,674 | 22,184 | 3.48 | 6,375 |
| 2003 | 52,199.00 | 37,594 | 17,797 | 35,446 | 3.48 | 10,186 |
| 2004 | 98,275.00 | 68,149 | 32,262 | 67,979 | 3.48 | 19,534 |
| 2005 | 57,830.00 | 38,252 | 18,109 | 40,878 | 3.48 | 11,747 |
| 2006 | 1,427,190.00 | 887,808 | 420,291 | 1,035,443 | 3.48 | 297,541 |
| 2007 | 2,000,298.16 | 1,143,488 | 541,330 | 1,498,974 | 3.49 | 429,505 |
| 2008 | 1,638,274.18 | 831,910 | 393,828 | 1,277,211 | 3.49 | 365,963 |
| 2009 | 49,417.40 | 20,939 | 9,913 | 40,493 | 3.49 | 11,603 |
| 2010 | 68,391.46 | 20,872 | 9,881 | 59,878 | 3.49 | 17,157 |
| 2011 | 520,819.78 | 66,569 | 31,514 | 499,722 | 3.49 | 143,187 |
| | 10,687,185.98 | 7,162,141 | 3,390,576 | 7,510,354 | | 2,158,179 |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.5 20.19

DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNITS 1-4 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 80-S0 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 10-2011 | | | | | | |
| NET SALVAGE PERCENT.. -7 | | | | | | |
| 1940 | 782,247.00 | 837,004 | 837,004 | | | |
| 1948 | 1,994,759.00 | 2,134,392 | 2,134,392 | | | |
| 1958 | 2,585.00 | 2,766 | 2,766 | | | |
| 1960 | 146,906.00 | 157,189 | 157,189 | | | |
| 1964 | 37.00 | 40 | 40 | | | |
| 1965 | 3,029.00 | 3,241 | 3,241 | | | |
| 1966 | 12,411.00 | 13,280 | 13,280 | | | |
| 1967 | 2,845.00 | 3,044 | 3,044 | | | |
| 1969 | 1,035.00 | 1,107 | 1,107 | | | |
| 1970 | 19,081.00 | 20,417 | 20,417 | | | |
| 1973 | 1,704,579.00 | 1,823,900 | 1,823,900 | | | |
| 1975 | 46,073.00 | 49,298 | 49,298 | | | |
| 1978 | 26,580.00 | 28,441 | 28,441 | | | |
| 1981 | 32,550.00 | 34,828 | 34,829 | | | |
| 1983 | 20,571.00 | 22,011 | 22,011 | | | |
| 1991 | 3,255,000.00 | 3,482,850 | 3,482,850 | | | |
| 1992 | 903,460.00 | 966,702 | 966,702 | | | |
| 1994 | 688,664.00 | 736,870 | 736,870 | | | |
| 1999 | 81,876.00 | 87,607 | 87,607 | | | |
| 2000 | 22,087.00 | 23,633 | 23,633 | | | |
| 2008 | 129,522.24 | 138,589 | 358,737- | 497,326 | | |
| | 9,875,897.24 | 10,567,209 | 10,069,884 | 497,326 | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNITS 1-4 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 10-2011 | | | | | | |
| NET SALVAGE PERCENT.. -10 | | | | | | |
| 1940 | 350,500.00 | 385,550 | 385,550 | | | |
| 1948 | 1,060,051.00 | 1,166,056 | 1,166,056 | | | |
| 1958 | 639,547.00 | 703,502 | 703,502 | | | |
| 1960 | 62,754.00 | 69,029 | 69,029 | | | |
| 1966 | 32,946.00 | 36,241 | 36,241 | | | |
| 1967 | 3,058.00 | 3,364 | 3,364 | | | |
| 1968 | 52,897.00 | 58,187 | 58,187 | | | |
| 1969 | 25,233.00 | 27,756 | 27,756 | | | |
| 1970 | 303,108.00 | 333,419 | 333,419 | | | |
| 1972 | 84,602.00 | 93,062 | 93,062 | | | |
| 1973 | 3,222,120.00 | 3,544,332 | 3,544,332 | | | |
| 1974 | 76,862.00 | 84,548 | 84,548 | | | |
| 1975 | 299,852.00 | 329,837 | 329,837 | | | |
| 1976 | 10,146.00 | 11,161 | 11,161 | | | |
| 1977 | 2,965,462.00 | 3,262,008 | 3,262,008 | | | |
| 1978 | 59,116.00 | 65,028 | 65,028 | | | |
| 1979 | 18,467.00 | 20,314 | 20,314 | | | |
| 1980 | 40,680.00 | 44,748 | 44,748 | | | |
| 1991 | 14,537,238.00 | 15,990,962 | 15,990,962 | | | |
| 1992 | 16,884,178.00 | 18,572,596 | 18,572,596 | | | |
| 1993 | 314,253.00 | 345,678 | 345,678 | | | |
| 1994 | 26,919,004.00 | 29,610,904 | 29,610,904 | | | |
| 1995 | 565,055.00 | 621,560 | 621,561 | | | |
| 1997 | 86,345.00 | 94,980 | 94,980 | | | |
| 1999 | 128,605.00 | 141,466 | 141,466 | | | |
| 2006 | 713,995.00 | 785,394 | 785,395 | | | |
| 2007 | 216,898.00 | 238,588 | 238,588 | | | |
| 2008 | 151,955.16 | 167,151 | 167,151 | | | |
| 2011 | 73,370.03 | 80,707 | 2,005,211 | 1,924,504- | | |
| | 69,898,297.19 | 76,888,128 | 78,812,631 | 1,924,504- | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNITS 1-4 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 60-S0.5 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 10-2011 | | | | | | |
| NET SALVAGE PERCENT.. -5 | | | | | | |
| 1940 | 677,594.00 | 711,474 | 711,474 | | | |
| 1948 | 1,395,361.00 | 1,465,129 | 1,465,129 | | | |
| 1960 | 35,152.00 | 36,910 | 36,910 | | | |
| 1972 | 3,952.00 | 4,150 | 4,150 | | | |
| 1979 | 204.00 | 214 | 214 | | | |
| 1980 | 2,819.00 | 2,960 | 2,960 | | | |
| 1991 | 3,224,474.00 | 3,385,698 | 3,385,698 | | | |
| 1992 | 6,352,581.00 | 6,670,210 | 6,670,210 | | | |
| 1994 | 6,950,097.00 | 7,297,602 | 7,297,602 | | | |
| 2000 | 11,342.00 | 11,909 | 11,909 | | | |
| 2003 | 519,495.00 | 545,470 | 545,470 | | | |
| 2006 | 89,043.00 | 93,495 | 93,495 | | | |
| 2007 | 319,127.00 | 335,083 | 335,083 | | | |
| 2008 | 911,244.98 | 956,807 | 2,289,038 | 1,332,231- | | |
| | 20,492,485.98 | 21,517,111 | 22,849,341 | 1,332,231- | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNITS 1-4 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 45-S1 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 10-2011 | | | | | | |
| NET SALVAGE PERCENT.. -3 | | | | | | |
| 1940 | 83,418.00 | 85,921 | 85,921 | | | |
| 1948 | 149,738.00 | 154,230 | 154,230 | | | |
| 1960 | 19,110.00 | 19,683 | 19,683 | | | |
| 1961 | 128.00 | 132 | 132 | | | |
| 1962 | 112.00 | 115 | 115 | | | |
| 1965 | 28.00 | 29 | 29 | | | |
| 1966 | 2,952.00 | 3,041 | 3,041 | | | |
| 1967 | 244.00 | 251 | 251 | | | |
| 1970 | 31,373.00 | 32,314 | 32,314 | | | |
| 1971 | 165.00 | 170 | 170 | | | |
| 1972 | 13,574.00 | 13,981 | 13,981 | | | |
| 1973 | 712,572.00 | 733,949 | 733,949 | | | |
| 1976 | 51,450.00 | 52,994 | 52,994 | | | |
| 1977 | 12,967.00 | 13,356 | 13,356 | | | |
| 1984 | 442,891.00 | 456,178 | 456,178 | | | |
| 1991 | 4,734,729.00 | 4,876,771 | 4,876,771 | | | |
| 1992 | 469,461.00 | 483,545 | 483,545 | | | |
| 1993 | 9,961,836.00 | 10,260,691 | 10,260,691 | | | |
| 1994 | 4,877,671.00 | 5,024,001 | 5,024,001 | | | |
| 2004 | 70,145.00 | 72,249 | 72,249 | | | |
| 2006 | 78,028.00 | 80,369 | 12,827 | 67,542 | | |
| | 21,712,592.00 | 22,363,970 | 22,296,428 | 67,542 | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2011

| YEAR (1) | ORIGINAL COST (2) | CALCULATED ACCRUED (3) | ALLOC. BOOK RESERVE (4) | FUTURE BOOK ACCRUALS (5) | REM. LIFE (6) | ANNUAL ACCRUAL (7) |
|---|---|---|---|---|---|---|
| CLIFFSIDE UNITS 1-4 | | | | | | |
| INTERIM SURVIVOR CURVE.. IOWA 55-R2 | | | | | | |
| PROBABLE RETIREMENT YEAR.. 10-2011 | | | | | | |
| NET SALVAGE PERCENT.. -2 | | | | | | |
| 1980 | 2,439.00 | 2,488 | 2,488 | | | |
| 1981 | 838.00 | 855 | 855 | | | |
| 1982 | 304.00 | 310 | 310 | | | |
| 1991 | 1,235,580.00 | 1,260,292 | 1,260,292 | | | |
| 1992 | 175,635.00 | 179,148 | 179,148 | | | |
| 1993 | 4,074.00 | 4,155 | 4,155 | | | |
| 1994 | 329,821.00 | 336,417 | 336,417 | | | |
| 1995 | 9,459.00 | 9,648 | 9,648 | | | |
| 1996 | 4,309.00 | 4,395 | 4,395 | | | |
| 1997 | 1,396.00 | 1,424 | 1,424 | | | |
| 2000 | 60,523.00 | 61,733 | 61,733 | | | |
| 2004 | 18,315.00 | 18,681 | 18,681 | | | |
| 2005 | 7,371.00 | 7,518 | 7,518 | | | |
| 2006 | 209,776.00 | 213,972 | 221,005 | 7,033- | | |
| | 2,059,840.00 | 2,101,036 | 2,108,070 | 7,033- | | |

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00