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POPE ZEIGLER
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2014 MAY 15 PM 4:00
SC PUBLIC SERVICE COMMISSION

Belton T. Zeigler
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MAIN 803 354.4900
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Pope Zeigler, LLC
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Post Office Box 11509
Columbia, SC 29211
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May 15, 2014

The Honorable Jocelyn Boyd
Chief Clerk and Administrator
Public Service Commission of South Carolina
101 Executive Center Drive
Columbia, South Carolina 29210

2008-196-E

COPY
Posted: Web
Dept: SA
Date: 5/15/14
Time: 9:40

Re: Quarterly Report of SCE&G Concerning Construction of V.C. Summer Nuclear Station Units 2 and 3

Dear Ms. Boyd:

Enclosed please find informational copies of South Carolina Electric & Gas Company's (the "Company" or "SCE&G") Quarterly Report (the "Report") for the period ending March 31, 2014, related to the construction of V.C. Summer Nuclear Station Units 2 and 3 (the "Units"). This Report is being filed with the South Carolina Office of Regulatory Staff ("ORS") pursuant to the Base Load Review Act, S.C. Code Ann. § 58-33-277 (Supp. 2013) and the provisions of Order No. 2009-104(A) of the Public Service Commission of South Carolina (the "Commission").

Because this Report contains certain commercially sensitive information, SCE&G is filing both redacted (Public) and unredacted (Confidential) versions of this Report with the Commission and with ORS. For your convenience, we are providing you with ten (10) copies of the Public version of this Report. SCE&G is also providing one (1) copy of the Confidential version of this Report and is hereby petitioning the Commission to enter a confidentiality order protecting the commercially sensitive information contained therein from disclosure, as set forth below.

The Confidential version of this Report contains confidential information related to the pricing and pricing terms of the Engineering, Procurement and Construction Agreement (the "EPC Contract") between SCE&G and a consortium consisting of Westinghouse Electric Company, LLC and Chicago Bridge & Iron, formerly the Shaw Group, (collectively, the "Contractor"). The EPC Contract contains confidentiality provisions that require SCE&G to protect proprietary information that the Contractor believes to constitute trade secrets and to be commercially sensitive. The Contractor has requested that SCE&G maintain the confidentiality of certain information contained in **Appendix 2** and **Appendix 3**. This confidential information has been redacted from the Public Version of these appendices.

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In keeping with the Contractor's request and the terms of the EPC Contract, SCE&G respectfully requests that the Commission find that the Confidential version of the Report contains protected information and issue a protective order barring the disclosure of certain portions of **Appendix 2**, and **Appendix 3** of the Report under the Freedom of Information Act, S.C. Code Ann. §§ 30-4-10 *et seq.*, 26 S.C. Code Ann. Regs. 103-804(S)(1), or any other provision of law, except in its public form. Pursuant to 26 S.C. Code Ann. Regs. 103-804(S)(2), the determination of whether a document may be exempt from disclosure is within the Commission's discretion. Such a ruling in this instance would be consistent with the Commission's prior rulings in Docket No. 2008-196-E, Docket No. 2009-211-E, and Docket No. 2010-376-E. In those dockets, the Commission found, among other things, that the pricing and pricing terms of the EPC Contract are confidential, and issued a protective order barring the disclosure of such information. *See e.g.,* Commission Order Nos. 2008-467, 2008-696, as amended by Order No. 2008-739, 2009-888, and 2010-198 issued in Docket No. 2008-196-E; Commission Order No. 2009-401 issued in Docket No. 2009-211-E; Commission Order Nos. 2010-795, 2011-127, and 2011-177 issued in Docket No. 2010-376-E; and Commission Order Nos. 2012-415, 2012-621 and 2012-623 issued in Docket No. 2012-203-E.

To this end, and in accordance with Commission Order No. 2005-226, dated May 6, 2005, in Docket No. 2005-83-A, enclosed with this letter are the following:

1. A true and correct copy of the Confidential version of the Report in a sealed envelope marked "CONFIDENTIAL." The title page of the Confidential version of the Report is marked "CONFIDENTIAL VERSION" and each page of the Confidential version of the Report is marked "CONFIDENTIAL VERSION."

2. Ten copies of a redacted Public version of the Report.

In the event that anyone should seek disclosure of the unredacted Confidential version of the Report, SCE&G respectfully requests that the Commission notify SCE&G of such request and provide it and the Contractor with an opportunity to obtain an order from this Commission or a court of competent jurisdiction protecting the Confidential version of this document from disclosure.

If you have any questions regarding these matters, please contact me.

Sincerely,

Belton T. Zeigler

Enclosures

cc: Anthony James, Director of New Nuclear Development
John Flitter, Director of Electric Gas Regulation
Shannon Bowyer Hudson, Esquire
K. Chad Burgess, Associate General Counsel

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May 15, 2014

Anthony James, Director of New Nuclear Development
Office of Regulatory Staff
1401 Main Street, Suite 800
Columbia, SC 29201

Re: Quarterly Report of SCE&G Concerning Construction of V.C. Summer Nuclear Station Units 2 and 3

Dear Mr. James:

Enclosed please find South Carolina Electric & Gas Company's (the "Company" or "SCE&G") Quarterly Report (the "Report") for the period ending March 31, 2014, related to the construction of V.C. Summer Nuclear Station Units 2 and 3 (the "Units"). This Report is filed pursuant to the Base Load Review Act, S.C. Code Ann. § 58-33-277 (Supp. 2013) and the provisions of Order No. 2009-104(A) of the Public Service Commission of South Carolina (the "Commission").

Because the Report contains certain commercially sensitive information, SCE&G is filing both redacted (Public) and unredacted (Confidential) versions of this Report. For your convenience, SCE&G is providing two (2) copies of the Public version of this Report. In addition, we are providing you with five (5) copies of the Confidential version of this Report. The Confidential version of this Report is being submitted to you pursuant to the Confidentiality Agreement entered into between ORS and SCE&G on July 21, 2009.

SCE&G submits that the information designated as confidential is entitled to protection from public disclosure under the S.C. Rules of Civil Procedure and is exempt from public disclosure under S.C. Code Ann. § 30-4-10, *et seq.* Accordingly, the Confidential version of this Report contains unredacted versions of **Appendix 2** and **Appendix 3** and is being provided to you pursuant to S.C. Code Ann. § 58-4-55(c) (Supp. 2013), such that ORS may fulfill its statutory obligation under S.C. Code Ann. § 58-33-277(B). SCE&G intends to file the Confidential version of this Report with the Commission and will seek an appropriate protective order.

SCE&G looks forward to working with the ORS in its review and audit of this information. If you have any questions regarding these matters, please advise.

Sincerely,

Belton T. Zeigler

Enclosures

cc: The Honorable Jocelyn Boyd
K. Chad Burgess, Associate General Counsel
John Flitter, Director of Electric and Gas Regulation
Shannon Bowyer Hudson, Esquire

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BEFORE

THE PUBLIC SERVICE COMMISSION OF

SOUTH CAROLINA

DOCKET NO. 2008-196-E

IN RE:

In re: **Combined Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity for a Base Load Review Order for the Construction and Operation of a Nuclear Facility in Jenkinsville, South Carolina**	CERTIFICATE OF SERVICE QUARTERLY REPORT ENDING MARCH 31, 2014

This is to certify that I have caused to be served this day one (1) copy of the Confidential Version and ten (10) copies of the Public Version of **South Carolina Electric & Gas Company's Letter** and **Quarterly Report Ending March 31, 2014**, upon the person named below, via hand delivery and electronic mail to the PSC as listed below:

The Honorable Jocelyn Boyd
Chief Clerk and Administrator
Public Service Commission of South Carolina
101 Executive Center Drive
Columbia, South Carolina 29210
jocelyn.boyd@psc.sc.gov

Suzanne M. Crosthwaite

Suzanne M. Crosthwaite

Columbia, South Carolina
This 15th day of May, 2014

STATE OF SOUTH CAROLINA

(Caption of Case)
In re: Combined Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity for a Base Load Review Order for the Construction and Operation of a Nuclear Facility in Jenkinsville

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET
NUMBER: 2008 - 196 - E

(Please type or print)

Submitted by: Belton T. Zeigler
Address: Pope Zeigler, LLC
1411 Gervais Street, Suite 300
Columbia, SC

SC Bar Number: 5754
Telephone: 803.354.4949
Fax: 803.354.4899
Other: 803.530.1189
Email: bzeigler@popezeigler.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☐ Other:

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
☒ Electric	☐ Affidavit	☒ Letter	☐ Request
☐ Electric/Gas	☐ Agreement	☐ Memorandum	☐ Request for Certificatio
☐ Electric/Telecommunications	☐ Answer	☐ Motion	☐ Request for Investigatio
☐ Electric/Water	☐ Appellate Review	☐ Objection	☐ Resale Agreement
☐ Electric/Water/Telecom.	☐ Application	☐ Petition	☐ Resale Amendment
☐ Electric/Water/Sewer	☐ Brief	☐ Petition for Reconsideration	☐ Reservation Letter
☐ Gas	☐ Certificate	☐ Petition for Rulemaking	☐ Response
☐ Railroad	☐ Comments	☐ Petition for Rule to Show Cause	☐ Response to Discovery
☐ Sewer	☐ Complaint	☐ Petition to Intervene	☐ Return to Petition
☐ Telecommunications	☐ Consent Order	☐ Petition to Intervene Out of Time	☐ Stipulation
☐ Transportation	☐ Discovery	☐ Prefiled Testimony	☐ Subpoena
☐ Water	☐ Exhibit	☐ Promotion	☐ Tariff
☐ Water/Sewer	☐ Expedited Consideration	☐ Proposed Order	☐ Other:
☐ Administrative Matter	☐ Interconnection Agreement	☐ Protest	
☐ Other:	☐ Interconnection Amendment	☐ Publisher's Affidavit	
	☐ Late-Filed Exhibit	☒ Report	

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V.C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff Submitted by South Carolina Electric & Gas Company Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

I. Introduction and Summary

A. Introduction

This quarterly report is submitted by South Carolina Electric & Gas Company (SCE&G or the Company) to the Public Service Commission of South Carolina (the Commission) and the South Carolina Office of Regulatory Staff (ORS). It is submitted in satisfaction of the requirements of S.C. Code Ann. § 58-33-277 (Supp. 2013) and the terms of Commission Order No. 2009-104(A). This report provides updated information concerning the status of the construction of V.C. Summer Nuclear Station (VCSNS) Units 2 & 3 (the Units) and provides the current capital cost forecasts and construction schedules for the Units as of the close of the quarter. In Order No. 2012-884 dated November 15, 2012, the Commission approved updated construction and capital cost schedules for the Units. This report provides a comparison of the current schedules and forecasts against those approved in Order No. 2012-884.

B. Structure of Report and Appendices

The current reporting period is the quarter ending March 31, 2014. The report is divided into the following sections:

Section I: Introduction and Summary;

Section II: Progress of Construction of the Units;

Section III: Anticipated Construction Schedules;

Section IV: Schedules of the Capital Costs Incurred Including Updates to the Information Required by S.C. Code Ann. § 58-33-270(B)(6) (the Inflation Indices);

Section V: Updated Schedule of Anticipated Capital Costs; and

Section VI: Conclusion.

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Appendices 1, 2, and 4 to this report contain detailed financial, milestone and other information updating the schedules approved by the Commission in Order No. 2012-884. For reference purposes, **Appendix 3** provides a copy of the capital cost schedule for the project as approved in Order No. 2012-884. **Appendix 5** provides a list of the License Amendment Requests (LARs) filed by SCE&G with the Nuclear Regulatory Commission (NRC).

A confidential and a public version of this report and its attachments are being provided. Unless otherwise specified, all cost information reflects SCE&G's 55% share of the project's cost in 2007 dollars. Attached to the end of the report is a glossary of acronyms and defined terms used.

C. Construction Schedule and Milestones

As the report indicates, the Company has met all current construction milestones approved by the Commission in Order No. 2012-884, taking into account the contingencies authorized in Order No. 2009-104(A). There are 146 specific milestones for reporting purposes. As of March 31, 2014, 96 have been completed. Comparing the scheduled milestone completion dates as of the date of this report to the milestone completion dates approved by the Commission in Order No. 2012-884, the completion dates of 47 milestones have changed. Of these, one has been accelerated and 45 have been delayed for between two and 17 months. One additional milestone that had been delayed, the milestone related to the lifting and setting of module CA04 in the Unit 2 Nuclear Island (NI), had been delayed by 18 months but was completed after the close of the period and within the contingency established by Commission Order No. 2009-104(A).

The Unit 2 and Unit 3 Construction Schedules. During the third quarter of 2013, WEC/CB&I provided SCE&G with revised Unit 2 and Unit 3 construction schedules (Revised Unit 2 and Unit 3 Schedules) which were based on a reevaluation of the submodule production schedule at the CB&I facility in Lake Charles, Louisiana. Based on these schedules, Units 2 and 3 would be completed in the last quarters of 2017 and 2018 or the first quarters of 2018 and 2019, respectively. Those projected dates remain within the 18-month schedule contingency provided for in Order No. 2009-104(A). From an Engineering, Procurement and Construction Contract (EPC Contract) perspective, SCE&G has not agreed to these schedule changes and advised WEC/CB&I that it remained obligated to satisfy the dates previously agreed to in the EPC Contract, as amended.

Milestone Schedules. The anticipated BLRA milestone completion dates presented in this report as they relate to construction activities reflect the completion dates contained in the Revised Unit 2 and Unit 3 Schedules as updated through the project report that WEC/CB&I provided to SCE&G in February of 2014. During the fourth

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quarter of 2013, WEC/CB&I began a full re-baselining of the Unit 2 and Unit 3 construction schedules to incorporate into the schedule a more detailed evaluation of the engineering and procurement activities necessary to accomplish the schedule. The re-baselining will also provide a detailed reassessment of the impact of the Revised Unit 2 and Unit 3 Schedules on engineering and design resource allocations, procurement, construction work crew efficiencies, and other items including schedule mitigation strategies. The result will be a Revised Fully-Integrated Construction Schedule. It is anticipated to be completed in the third quarter of 2014. The Revised Fully-Integrated Construction Schedule will provide the basis for revising the dates for all outstanding BLRA construction milestones. The updating of equipment milestone dates is not affected by the re-baselining.

Pending completion of that Revised Fully-Integrated Construction Schedule, the Revised Unit 2 and Unit 3 Schedules as updated through the project report that WEC/CB&I provided to SCE&G in February of 2014 remain the most current information provided. All outstanding BLRA construction milestone completion dates will be updated when this new schedule has been produced, reviewed and approved. WEC/CB&I continues to update equipment production schedules and provides SCE&G with construction schedule information for near-term activities on a daily and weekly basis. Construction milestones are updated where relevant and definitive information is received from WEC/CB&I.

D. Construction Costs and Cost Forecasts

Spending through December 31, 2014, in current dollars is forecasted to be approximately $765 million less than the capital cost schedule approved in Order No. 2012-884. The present cash flow forecast indicates that the Company will be able to complete the Units for $4.548 billion in 2007 dollars, which is the amount approved in Order No. 2012-884. The current cost estimates include changes in timing of costs and minor shifts in costs among cost categories that occur in the normal course of managing the project. All amounts set forth in this Quarterly Report are based on SCE&G's existing 55% interest, except where expressly stated to be based upon 100% of the cost.

As discussed in Section I.C. above, it is anticipated that WEC/CB&I will produce a Revised Fully-Integrated Construction Schedule during the third quarter of 2014. That schedule will provide detailed budget and cost information, and the timing of specific construction activities and cash flow requirements. SCE&G anticipates that the revised schedule and the cost estimate at completion for all non-firm and fixed scopes of work will be finalized in the latter half of 2014. SCE&G plans to reevaluate and reschedule its Owners Cost estimates and cash flow requirements in light of the new schedule when it becomes available.

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Agreement to Purchase an Additional 5% Interest in the Completed Project from Santee Cooper. On January 27, 2014, SCE&G and Santee Cooper announced that SCE&G will purchase from Santee Cooper an additional 5% interest in the project, or approximately 110 MW of generating capacity. When complete, this purchase will increase SCE&G's ownership of the project to 60%. The purchase will take place in three stages beginning on the commercial operation date (COD) of Unit 2. SCE&G will purchase a 1% interest in the project on the first business day following the Unit 2 COD and two additional increments of 2% interest in the project no later than the first business day following the first and second anniversary dates of the Unit 2 COD, respectively. The price paid will reflect Santee Cooper's actual cost of its interest in the project as of the date of each conveyance and will include appropriate allocations of Santee Cooper's Owners Cost and financing cost. The total cost of the 5% interest is estimated to be approximately $500 million. SCE&G anticipates that once the new Units are on-line, the cost of $500 million can be financed from internal sources without the need for long-term external financing.

The agreement with Santee Cooper provides that Santee Cooper will not transfer any of its remaining interest in the project to third parties until the entire project is completed. (In addition, any attempted transfer by either party, whether before or after the completion of the project, is subject to restrictions contained in the existing agreements between the parties). The agreement is subject to customary closing conditions and regulatory approvals.

The transaction will not affect the payment obligations between the parties during the construction period for either Unit; nor is it anticipated that the payments related to this transaction would be reflected in a revised rates filing under the Base Load Review Act (BLRA).

Cash Flow Forecasts and the Revised Unit 2 and Unit 3 Schedules. The cash flow forecasts provided in this report reflect changes in the timing of certain payments to WEC/CB&I based on the Revised Unit 2 and Unit 3 Schedules. Although the timing of cash flows has been revised, no increases in costs in 2007 dollars resulting from the Revised Unit 2 and Unit 3 Schedules are included in the cash flow estimates provided in this report.

SCE&G has not accepted responsibility for any of the additional estimated costs arising as a result of the Revised Unit 2 and Unit 3 Schedules or the Revised Fully-Integrated Construction Schedule when it becomes available. The Company expects to continue discussions with WEC/CB&I regarding responsibility for any resulting increase in costs when the Revised Fully-Integrated Construction Schedule is issued.

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SCE&G has previously reported that a reasonable estimate of the cost impact of the changes reflected in Revised Unit 2 and Unit 3 Schedules would be approximately $200 million in future dollars. This amount reflects SCE&G's 55% share of the Target portion of the EPC Contract, Owners Cost and escalation. This estimate was prepared by the Company and not WEC/CB&I. It remains the Company's best current estimate of the additional costs involved. In addition, the EPC Contract provides for liquidated damages in the event of a delay in the completion of the Units which have not yet been factored into any estimates. Ultimately, SCE&G believes that the portion of the $200 million estimate for which SCE&G will be responsible, if any, will be substantially reduced once all relevant factors are considered.

Cost Comparisons. In Order No. 2009-104(A), the Commission recognized that forecasts of Allowance for Funds Used During Construction (AFUDC) expense and escalation would vary over the course of the project and required those forecasts to be updated with each quarterly report. Escalation indices were issued in April 2014 for the period of July through December 2013 and have been used in forecasting the construction costs for the project that are presented here.

Chart A below compares the current capital cost forecast to the forecast presented in the last quarterly report. This chart shows a decrease in Gross Construction Costs of $54.6 million over the life of the project. With each quarterly update, a quarter that had been subject to the five-year escalation rate becomes subject to the one-year rate. The figures reported on **Chart A** also include the effect of calculating escalation on an updated cash flow projection for the project.

Chart A: Reconciliation of Capital Cost ($000)

Forecast Item	Projected @ 03/31/14 (Five-Year Average Escalation Rates)	Projected @ 12/31/13 (Five-Year Average Escalation Rates)	Change
Gross Construction	$5,625,575	$5,680,188	($54,613)
Less: AFUDC	$265,546	$261,355	$4,191
Total Project Cash Flow	$5,360,029	$5,418,833	($58,804)
Less: Escalation	$811,624	$870,428	($58,804)
Capital Cost, 2007 Dollars	**$4,548,405**	**$4,548,405**	**$0**

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Chart B compares the current capital cost forecast to the forecast on which the Commission relied in adopting Order No. 2012-884. Chart B shows that the forecasted capital cost of the Units in 2007 dollars has not changed. Due to the changes in forecasted escalation and AFUDC (see Section I.F. below) the cost of the plant in future dollars has decreased by approximately $129 million since Order No. 2012-884 was issued.

Chart B: Reconciliation of Capital Cost ($000)

Forecast Item	Projected @ 03/31/14 (Five-Year Average Escalation Rates	As Forecasted and Approved In Order 2012-884	Change
Gross Construction	$5,625,575	$5,754,565	($128,990)
Less: AFUDC	$265,546	$237,715	$27,831
Total Project Cash Flow	$5,360,029	$5,516,849	($156,820)
Less: Escalation	$811,624	$968,444	($156,820)
Capital Cost, 2007 Dollars	**$4,548,405**	**$4,548,405**	**$0**

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Chart C below shows the current forecasts of the cost of the Units compared to the cost forecasts underlying the initial BLRA order, which was issued by the Commission in 2009, and the update orders that the Commission issued subsequently. The decline in capital cost forecasts in 2007 dollars between Order No. 2010-12 and 2011-345 reflects the removal of Owner's contingency amounts from the forecasts as required by the opinion of the Supreme Court of South Carolina in *South Carolina Energy Users Comm. v. South Carolina Pub. Serv. Comm'n*, 388 S.C. 486, 697 S.E.2d 587 (2010). This chart shows that while the cost of the project in 2007 dollars has increased by $13 million since the initial forecasts, the cost of the project in future dollars is approximately $687 million below the initial forecast.

Chart C: Summary of Nuclear Filings (billions of $)

Forecast Item	Order No. 2009-104(A)	Order No. 2010-12	Order No. 2011-345	Order No. 2012-884	Projected @ 03/31/2014
Capital Cost, 2007 Dollars	$4.535	$4.535	$4.270	$4.548	$4.548
Escalation	$1.514	$2.025	$1.261	$0.968	$0.812
Total Project Cash Flow	$6.049	$6.560	$5.531	$5.517	$5.360
AFUDC	$0.264	$0.316	$0.256	$0.238	$0.266
Gross Construction	**$6.313**	**$6.875**	**$5.787**	**$5.755**	**$5.626**

E. Escalation Rates

As provided in Order No. 2009-104(A), the most current one-year inflation indices are used to escalate costs occurring in the twelve-month period after the date of each quarterly report. The most current escalation indices are found in the Handy-Whitman January 2014 update which was issued in April 2014 and reports data for the period July through December 2013. Those rates are reflected in this report. The approved capital cost targets have been adjusted to reflect the currently reported historical escalation rates. The forecasted costs provided here reflect SCE&G's calculations related to the WEC/CB&I Claims, which change the index applicable to Firm with Indexed Adjustment

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cost categories going forward from a floating Handy-Whitman adjustment to a fixed rate for the life of the project.

As shown on **Appendix 4**, utility construction cost escalation rates were at historically high levels during the period 2005-2008, and have since dropped. Current escalation rates are shown below on **Chart D**. When compared to the previous Handy-Whitman release, the most recent update shows a downward trend in the one-year and five-year average rates.

Chart D: Handy-Whitman Escalation Rates

Escalation Rate Comparison		
	Jan-June 2013	**July-Dec 2013**
HW All Steam Index:		
One-Year Rate	**2.05%**	**(1.15%)**
Five-Year Average	**2.18%**	**2.05%**
Ten-Year Average	**4.77%**	**4.62%**
HW All Steam/Nuclear Index:		
One-Year Rate	**2.05%**	**(1.32%)**
Five-Year Average	**2.22%**	**2.09%**
Ten-Year Average	**4.79%**	**4.65%**
HW All Transmission Plant Index:		
One-Year Rate	**1.71%**	**(0.34%)**
Five-Year Average	**1.09%**	**0.55%**
Ten-Year Average	**4.91%**	**4.57%**

F. AFUDC

Consistent with Order No. 2009-104(A), SCE&G computes AFUDC based on the Federal Energy Regulatory Commission (FERC) approved methodology as applied to the balance of Construction Work in Progress (CWIP) that is outstanding between rate adjustments. SCE&G's projected AFUDC rate is currently 7.27%, compared to the rate of 5.28% that applied when Order No. 2012-884 was issued.

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G. Compliance with the Commission-Approved Cumulative Project Cash Flow Target

The current Cumulative Project Cash Flow target for the project was adopted by the Commission in Order No. 2012-884. In Order No. 2009-104(A), the Commission provided that the applicable Cumulative Project Cash Flow target would be adjusted with each quarterly report to reflect updated escalation data.

Appendix 2 provides the Commission-approved Cumulative Project Cash Flow target updated for current escalation data. The cash flow targets through December of 2013 have been updated to reflect actual escalation rates. The cash flow targets for the first quarter of 2014 and beyond have been updated based on the most recently available inflation indices, which for purposes of this report, are the indices provided in April 2014 that report data for the period July through December of 2013. When final actual indices for 2014 become available, the cash flow data for 2014 will be revised to reflect the actual escalation rates.

Appendix 2 compares the approved Cumulative Project Cash Flow target to the current cumulative cash flow schedules for the project, which include actual costs where available and SCE&G's working forecasts of annual cash flows for future years. In addition, the project cash flow targets presented on **Appendix 2** for 2012 have been adjusted to reflect timing differences between the billing methodology under the EPC Contract and the calculation of the escalated cash flow targets under Order No. 2009-104(A). Under the EPC Contract, for periods where actual escalation rates are not available, WEC/CB&I bills SCE&G based on a rolling 2-year average of the applicable Handy-Whitman rate and provides adjustments to reflect the actual rate when it is known. An adjustment has been made to **Appendix 2** target calculations to offset the timing differences that arise as a result of WEC/CB&I's approach to estimated billings and credits. This adjustment applies to those EPC Contract cost categories that are subject to indexed escalation.

II. Progress of Construction of the Units

A. Construction

The project continues to maintain an excellent safety record that exceeds industry expectations for projects of comparable size.

Under the current schedule, the critical path for both Unit 2 and Unit 3 runs through the successful fabrication of the CA20 submodules and the setting of the CA20 module on the NI as well as the receipt of CA01 submodules and the successful assembly and setting of the CA01 module.

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1. Unit 2 Nuclear Island

WEC/CB&I has poured the second of three layers of concrete on the Unit 2 NI basemat to fill the area between the Unit 2 Containment Vessel Bottom Head (CVBH) and the basemat. The CVBH forms the base of the Unit 2 Containment Vessel (CV). Installation of rebar and piping continued inside the Unit 2 CVBH. Two submodules, CB65 and CB66, were lifted and set in place inside the Unit 2 NI. These submodules form the reactor coolant drain tank room and the associated hallway.

During the period, work to install rebar on the interior and exterior concrete walls of the Unit 2 Auxiliary Building was suspended awaiting the resolution of LAR 14-01 which was submitted to the NRC subsequent to the reporting period. LAR 14-01 is related to the design of certain aspects of the Auxiliary Building interior walls and floors. That design could impact the design and construction of the exterior walls to which they will be attached. After the close of the period, the NRC approved a Preliminary Amendment Request (PAR) related to LAR 14-01 which allowed work to proceed at SCE&G/WEC/CB&I's risk in conformity with the design as contained in the LAR 14-01 application.

2. Unit 3 Nuclear Island

During the period, WEC/CB&I substantially completed the installation of the CR10 module on which the Unit 3 CVBH will rest. Work continued to install rebar inside CR10. Work began to install rebar on the outside of the Unit 3 CVBH and to install rebar to form the Unit 3 Auxiliary Building exterior wall.

3. Units 2 and 3 Turbine Buildings and Condensers

Unit 2 Turbine Building structural steel placement and welding continued. WEC/CB&I placed the first section of basemat at the finished floor (100 foot) level for the Unit 2 Turbine Building. This is the ground level for the building. Piping and pipe supports were being installed and welding continued on the three Unit 2 Condensers.

Construction began on all three condenser sections for the Unit 3 Turbine Building. WEC/CB&I continued installing Circulating Water Pipe (CWP) and backfilling around this pipe in preparation for starting construction of the basemat for that Unit 3 building.

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4. Unit 2 and Unit 3 Containment Vessel (CV) Fabrication

At the close of the period, Unit 2 CV Ring 1 was substantially completed and coated. The ring was being readied to be lifted into place on the Unit 2 CVBH. Welding of Unit 2 CV Ring 2 was substantially completed and testing and coating were underway.

WEC/CB&I has substantially completed weld-up and radiography testing (RT) of the Unit 3 CVBH. At the close of the period, WEC/CB&I was installing rebar on the Unit 3 CVBH in preparation for its lifting and placement on the basemat.

The first of four courses of plates forming Unit 3 CV Ring 1 has been fitted up and is being welded and heat treated. Fitting up and welding of a second course of plates forming Unit 3 CV Ring 1 has begun.

Acceptance rates based on the RT of welds on the Units 2 and 3 CVBH and CV Rings remain above 99%.

5. Cooling Towers

Formwork was installed and rebar was placed to form the basin for Cooling Tower 2B. Concrete was placed for the Unit 2 Cooling Tower Pump House/Pump Bay structure. Electrical work continued on Cooling Towers 2A and 3A.

During the period, WEC/CB&I issued a stop work order on the fabricator of the Cooling Towers. That stop work order applied to the welding into place of the concrete structural panels that form the exterior of the Cooling Towers. It resulted from deficiencies in Quality Assurance/Quality Control (QA/QC) documentation related to prior welding. WEC/CB&I required the reinspection of all previous welds and repairs of deficiencies identified which is on-going. The stop work order is not anticipated to have any impact on the overall project schedule.

The initial structural work had begun on Cooling Tower 3B before the stop work order was issued.

6. Unit 2 High-Side Switchyard

WEC/CB&I continued installing concrete foundations for the Unit 2 transformers in the Unit 2 High-Side Switchyard, which is located adjacent to the Unit 2 Turbine Building.

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7. Offsite Water System (OWS)

WEC/CB&I substantially completed the intake structure for the OWS. It continued finishing out the treatment plant building and began installing equipment skids in the plant.

8. Emergency Response Building (ERB)

The completion of the final punch list and turn-over of the ERB to operating personnel took place during the period.

9. Workforce

The project continues to recruit and utilize the majority of construction employees from a skilled craft workforce in the state of South Carolina. More than half of these local workers are from Fairfield, Lexington, Richland, and Newberry counties. CB&I plans to employ approximately 3,000 – 3,500 employees at points during the project, with these numbers fluctuating during the various phases of construction activity. Currently, approximately 2,400 WEC/CB&I personnel and subcontractor personnel are employed on site.

B. Equipment and Fabrication

1. Steam Generators

Welding of the Unit 2 Reactor Coolant Pump (RCP) casings to the Unit 2 Steam Generators is in progress at Doosan's facilities in South Korea. Once the welding is completed and inspected, the Unit 2 Steam Generator will be prepared for packaging and shipment to the site through the Port of Charleston.

Machining, cladding and welding of components of the Unit 3 Steam Generators continued at Doosan's facilities in South Korea with no significant issues.

2. Reactor Coolant Pumps

WEC/CB&I is carefully tracking several issues that have arisen in the testing and inspection of RCPs that relate to the thrust bearings in the pumps. WEC/CB&I is currently investigating corrective action related to these items. This is a focus area for the project.

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3. Core Make-Up Tanks, Accumulator Tanks, Pressurizers and the Passive Residual Heat Removal Heat Exchanger (PRHR)

In January, the Unit 3 Accumulator Tanks arrived at the site from the Mangiarotti Nuclear, S.p.A. (Mangiarotti) facilities in Italy. The Unit 3 Core Make-Up Tanks are in fabrication at the Mangiarotti facilities with work proceeding as expected. The Unit 2 PRHR has been completed and is in transit from Mangiarotti to the site. The Unit 3 PRHR and Unit 2 and 3 Pressurizers are also in fabrication at the Mangiarotti facilities. All major Mangiarotti components are anticipated to be on site in the fourth quarter of 2014.

4. Supplier Financial Issues

As previously disclosed, SCE&G is aware of financial difficulties at a supplier responsible for certain significant components of the project. At SCE&G's request, WEC continues to monitor the situation and assess the potential for disruptions in equipment fabrication and possible responses. Any disruptions are not expected to impact the construction schedule at this time.

5. Transformers

During the reporting period, the final Unit 2 Auxiliary Transformer was received on site. The Unit 2 Reserve Auxiliary Transformer has been fabricated and is awaiting shipment. Fabrication of all Unit 3 Transformers is proceeding as expected.

6. Reactor Coolant Loop (RCL) Piping

The disposition of deviations related to the Unit 3 RCL piping is still under review. After the close of the period, the deviations related to grain size issues were satisfactorily resolved. Deviations have also been identified in certain segments of the Unit 3 RCL piping related to compliance with dimensional specifications. Those deviations are under review. No schedule impact is anticipated.

7. Squib Valves

Shipment of the completed squib valves for the Units remains on hold as SPX addresses anomalies uncovered during the initial equipment qualification testing of the valves for use in AP1000 reactors. Certain valves did not pass retesting that occurred during the period. SCE&G continues to monitor work being done by WEC and SPX to demonstrate that the valves will perform their design basis functions. This is a focus area for the project. No schedule impact is anticipated at this time.

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8. Miscellaneous Equipment

During the period, we received certain components of the Unit 2 Integrated Head Package. The Diesel Generators, Feed Water Pumps, Feed Water Booster Pumps, and Control Drive Motors were received on site.

9. Information Technology

Site Fiber Optic System. Fiber Hut 5, the principal hub for fiber optic cable serving the Units, is largely complete. At the close of the period, Fiber Hut 2, which will provide redundancy for the system, was approximately 55% complete. Work on the fiber optic cable system is progressing as expected.

Configuration Management Information System (CMIS). The CMIS is the system which will store documents and data related to the design and engineering of the Units, the QA/QC records of equipment and construction, operating programs and protocols for the Units, and related documents and data. Phase 1 of the CMIS project involves configuration of the databases and functionality to store this information and make it available for operational purposes. During the reporting period, work on the system progressed as expected to support turnover of completed Unit 2 plant systems to SCE&G during the third quarter of 2014.

Work Management System. WEC/CB&I and SCE&G have decided to use SCE&G's new work management system and tag-out system to manage the testing of plant systems as they are completed. This testing is scheduled to begin in 2015. Using SCE&G's systems for this work will create efficiencies for configuring and testing these systems and will provide hands-on experience for SCE&G personnel. Preoperational testing of work management and tag-out modules are being moved up in the schedule to support this effort.

10. Module Fabrication and Assembly

Challenges related to fabrication of submodules at the CB&I-LC facility continue to be a focus area of the project:

The Revised Module Production Schedule. As indicated in Section II.A., the fabrication and delivery of CA20 and CA01 submodules is a critical path item for both Units. Accordingly, production of these modules remains a very important focus area for the project. SCE&G maintains a presence on site at CB&I-LC to monitor activities at CB&I-LC and interact with CB&I-LC leadership on a regular basis.

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The CA03 module forms part of the refueling water storage tank and pressurizer wall within the CV. In March 2014, CB&I transferred fabrication of the CA03 submodules from Pegasus Steel in North Charleston, South Carolina, to SMCI in Lakeland, Florida. To support the Unit 2 schedule, SMCI will deliver to SCE&G the CA03 submodules that were already in fabrication for the second of the two new AP1000 units being constructed at Plant Vogtle. The construction schedule for that latter unit allows for this substitution. The delivery date for the CA03 modules from SMCI to the site supports the on-hook date for CA03.

CA20 is a multistory unit that provides internal structures for the Auxiliary Building. It is being assembled in the Module Assembly Building (MAB) in its standing, vertical position. All of the component submodules for CA20 have received their final certification of conformance to design specifications from CB&I-LC and have been placed into their vertical alignment inside the MAB in preparation for welding into place. The on-hook date of CA20, however, has moved from March to May 2014. Subsequent to this reporting period, CA20 was successfully set on the NI on May 9, 2014.

The CA01 module houses the steam generator components and refueling canal within the CV. Fabrication of CA01 submodules continues at CB&I-LC. All 47 CA01 submodules are in some stage of fabrication or have been shipped to the site. The delivery schedule of submodules for CA01 is expected to support completion of on-site fabrication to allow it to be ready for placement on the Unit 2 NI during the latter half of 2014. Delays in setting the CA01 module would likely affect the schedule for setting the CA03 module and therefore the other construction activities that follow the setting of that module. For this reason, SCE&G is monitoring the schedule for completing and setting the CA01 module closely.

The CA05 module forms part of the chemical and volume control system tunnel and passive core cooling system walls within the CV. WEC/CBI has received all eight CA05 submodules on site and is awaiting final quality documentation for them.

Shear Stud Spacing. Structural module shear stud spacing review and repair is complete.

Stop Work Order. In January 2014, CB&I placed its subsidiary CBI-LC under a self-imposed stop work order due to CB&I-LC's failure to obtain prior approval from CB&I oversight groups for certain changes in welding procedures. There is no indication that any significant rework of any welds will be required as a result of the change in welding procedures. The stop work order was lifted after the close of the period.

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Unit 3 Submodules. CB&I has transferred fabrication for the principal Unit 3 CA20 and CA01 submodules to Oregon Iron Works, and Toshiba/IHI Corporation, respectively. Each of these entities is experienced in modular construction.

Conclusion. Senior management from both SCE&G and WEC/CB&I continue to monitor the fabrication and delivery process related to submodules. WEC personnel continue to provide onsite engineering support for production at CB&I-LC. SCE&G continues to maintain a permanent resident inspector at the CB&I-LC facility who provides additional monitoring. SCE&G will monitor closely the startup processes at Oregon Iron Works and Toshiba/IHI Corporation. The fabrication of the submodules continues to be an important area of focus for the project.

C. Licensing and Permitting

As licensee for the Units, SCE&G is directly accountable to the NRC for contractors meeting nuclear safety-related QA/QC requirements both at the project site and at the facilities of its component manufacturers and equipment suppliers worldwide. WEC/CB&I through the EPC Contract is responsible to SCE&G for making sure that these requirements are met.

1. NRC Inspections

On January 17, 2014, the NRC issued its 2013 Q4 inspection report that included no significant findings or violations. On February 28, 2014, the NRC issued its annual assessment letter for the Units finding that "[the Units] were being constructed in a manner that preserved public health and met all cornerstone objectives."

2. LARs

The NRC approves changes from the approved licensing basis for nuclear units through the LAR request and review process. SCE&G envisions that filings for LARs will be a normal part of the construction program for the Units going forward under the Combined Operating Licenses (COL). Additionally, if needed, a licensee can submit a PAR associated with a LAR. Through the PAR process, the licensee can request a notification that the NRC does not object to the licensee installing and testing the proposed changed design feature, at the licensee's risk, pending NRC's review of the associated LAR.

During the first quarter of 2014, SCE&G filed three new LARs with the NRC. The NRC has granted a total of eleven LARs. Two LARs were granted

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during the reporting period. Sixteen LARs were pending on March 31, 2014. For ease of reference, a report that tabulates all the LARs submitted by SCE&G to the NRC as of March 31, 2014, is attached as Appendix 5.

3. Inspections, Tests, Analyses and Acceptance Criteria (ITAACs)

In the first quarter of 2014, SCE&G submitted two ITAAC Closure Notifications (ICNs) to the NRC, which have subsequently been verified complete by the NRC. During the first quarter of 2014, SCE&G provided WEC with administrative comments to four ITAAC Completion Packages that WEC had submitted to SCE&G for review. The comments were minor and issues raised are being resolved. SCE&G anticipates submitting nine ICNs to the NRC in the second quarter of 2014.

4. Major Construction Permits

No other major construction-related permits are outstanding. Other construction-related permits are anticipated to be obtained in the ordinary course of administering the project.

5. BLRA Regulatory Proceedings

The briefing of the appeals to the South Carolina Supreme Court of Commission Order No. 2012-884, which authorized updates to the cost and construction schedules for the Units under S.C. Code Ann. § 58-33-270(E), was completed in prior periods and oral argument occurred on April 16, 2014.

D. Engineering

1. Engineering Completion Status

As of March 31, 2014, the Units 2 & 3 plant design packages issued for construction (IFC) are 88% complete. This is a lower number than previously reported. WEC/CB&I has informed SCE&G that the change results from a change in the count of plant design packages to be produced due in part to the comprehensive review of engineering requirements which was underway at the close of the period (see Section I.C. above). SCE&G has requested WEC/CB&I to justify this position. IFC delivery from WEC/CB&I continues to be a focus area and SCE&G is conducting monthly oversight meetings with WEC/CB&I concerning this issue.

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2. Site Specific Design Activities

Site specific design work is ongoing in support of site specific systems, to include the Circulating Water System (CWS), Offsite Power System (ZBS), Raw Water System (RWS), Offsite Water System (OWS), and Waste Water System (WWS).

E. Training

1. Plant Reference Simulator (PRS). The implementation schedule for the PRS continues to support the schedule for training and licensing the AP1000 reactor operators required for the initial fuel load for Unit 2. There remains little margin for error in the current schedule. The certification of the PRS by the NRC is required to support the first Initial Licensed Operator (ILO) exam scheduled for May 2015. SCE&G continues to monitor progress in this area closely and to participate in schedule reviews, readiness assessments and testing and validation activities. To support NRC certification of the PRS, the AP1000 utilities and WEC/CB&I have initiated an effort with the Nuclear Energy Institute (NEI) to coordinate the technical and regulatory interaction with the NRC related to certification of the PRS. Given the importance of certification to the project schedule, the validation and testing of the PRS will remain an area of focus.

2. Initial Licensed Operator (ILO) Training. The first ILO class of 24 students continues in the simulator phase of training and is expected to take the NRC written exams and integrated operations simulator exams on the PRS in May 2015. A second class of 24 students began the ILO training in June 2013 and continues to progress towards taking their scheduled NRC written and simulator exams in November 2015. A third class of 18 students is scheduled to begin ILO training in September 2014 and to take the NRC written and simulator exams in September 2016.

3. Senior Reactor Operator Certification (SROC) Training. In February, all eight students successfully completed the SROC course to certify them for training instructors and operations personnel. The SROC training program began in July 2013.

4. Maintenance and Technical Staff Training. In February 2014, a class of 37 maintenance and technical staff began six weeks of training focusing on basic physics, nuclear reactor fundamentals and basic systems called "Tier 1" training. At the end of the period, all participating staff were on track to complete the training successfully.

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F. Operational Readiness

1. Mission Critical Hiring. By the close of the period, SCE&G has continued to successfully meet hiring goals for the 2014 operational readiness staffing positions that have been identified as mission critical. Thirty eight of 74 mission critical hires have been completed.

2. Programs and Procedures. The preparation of operations, maintenance and technical training programs and procedures is approaching a new phase with a large number of activities needing to be completed. Regulatory changes related to matters such as Fukushima response, and heightened nuclear and cyber security concerns are having a cumulative effect on the availability of VCSNS Unit 1 staff to assist in this effort. This burden placed on these personnel in meeting new regulatory requirements for VCSNS Unit 1 has limited the pool of resources available for similar work required for Units 2 and 3. A staffing review is in progress to determine overall impacts and define a path forward. SCE&G has made progress with WEC/CB&I in identifying data and documentation needed to support program and procedure development efforts.

G. Change Control/Owners Cost Forecast

1. Change Order 16. In Change Order 16, SCE&G and WEC/CB&I agreed, among a number of other things, to transition certain scopes of work from being escalated using Handy-Whitman indices to being escalated using fixed escalation rates. A dispute related to the methodology for accounting for prior escalation in this transition had prevented finalization of Change Order 16. During the period, SCE&G and WEC/CB&I reached an agreement which resolves the matters in dispute. Change Order 16 is being prepared for execution by SCE&G and WEC/CB&I.

2. Commercial Issues. During the period, SCE&G and WEC/CB&I reached agreements providing for a) additional equipment required to be installed in the OWS for the removal of bromide from raw water during treatment, b) the transfer of certain CB&I start-up construction support Time & Material (T&M) scopes of work and associated dollars to the Target and Firm price category, and c) other miscellaneous items. These items will be included in the future change order which is anticipated to be Change Order 17. This change order will not involve any increase in the EPC Contract price.

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3. **Cyber Security.** At SCE&G's request, WEC/CB&I more clearly defined the technical scope of work for the cyber security change order. Based on that more detailed scope of work, SCE&G is reviewing the cost basis and buildup of the WEC/CB&I response to SCE&G's counterproposal for the cyber security work. To support the project schedule, SCE&G has released WEC/CB&I to begin limited scopes of work on the cyber security project in advance of the finalization of the change order.

4. **WEC Costs Related to the Implementation of the Health Care and Education Reconciliation Act of 2010 and Prior Health Care Acts ("Health Care Act").** SCE&G continues to review information provided by WEC related to its increased costs of compliance with the Health Care Act. A change order to reflect these costs is anticipated.

H. Transmission

1. **VCS1-Killian 230 kV Line.** Construction of the VCS1-Killian 230 kV Line is largely complete. SCE&G plans to energize this line after a small scope of work is completed during the Spring 2014 VCS1 refueling outage, which will be concluded in the second quarter of 2014.

2. **VCS2-Lake Murray 230 kV Line No. 2 and Segment of the VCS2-St. George 230 kV Line No. 1.** The VCS2-Lake Murray 230 kV Line No. 2 is energized. SCE&G plans to energize the segment of the VCS2-St. George 230 kV Line No. 1 that was built as part of this project when the remaining segment of that line is built.

3. **The Remaining Segment of VCS2-St. George 230 kV Line No. 1 and the VCS2-St. George 230 kV Line No. 2.** Construction activities for these lines continued during the period. Substantial work has been completed on the VCS2-St. George 230 kV Line No. 2 segment between VCS2 and the Lake Murray Substation. Construction of both the No. 1 and No. 2 lines continued from the Lake Murray Substation towards the site of the new Saluda River Substation. Construction, including installation of erosion control measures, spotting, framing and erecting of structures, and installation of foundations, also began for both the No. 1 and No. 2 lines in the Orangeburg area heading south toward St. George.

4. **St. George Switching Station.** The overall engineering layout of the station was complete in prior periods. Topographic surveys of the site were completed in the current period in preparation of site plan and stormwater permit application development.

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5. **Saluda River Substation.** The U.S. Army Corps of Engineers Nationwide Permit #12, the National Pollutant Discharge Elimination System (NPDES) Stormwater Permit, and the Lexington County MS4 Stormwater Permit were received during the period to allow construction to begin on the site. Grading was started on the substation pad and access road.

III. Anticipated Construction Schedules

As of March 31, 2014, the current construction schedule supports the completion of all required milestones pursuant to the milestone schedule contingencies approved by the Commission. Accordingly, the project is in compliance with the updated construction schedules approved by the Commission in Order No. 2012-884 and with the provisions of S.C. Code Ann. § 58-33-275(A)(1).

A. Construction Schedule

The Project Licensing and Permitting, Engineering, Procurement and Construction work remains on schedule to meet the Units' Substantial Completion Dates taking into account the schedule contingencies approved in Order 2009-104(A).

B. BLRA Milestones

Appendix 1 to this quarterly report lists and updates each of the specific milestones constituting the anticipated construction schedules for the Units pursuant to S.C. Code Ann. § 58-33-270(B)(1) and Order No. 2012-884. Comparing the current milestone target completion dates to the dates in Order No. 2012-884, one milestone has been accelerated and 46 have been delayed.

IV. Schedules of the Capital Costs Incurred Including Updates to the Information Required by S.C. Code Ann. § 58-33-270(B) (6) (the Inflation Indices)

The Capital Costs section of this report (Section IV.A.) provides an update of the cumulative capital costs incurred and forecasted to be incurred in completing the project. These costs are compared to the cumulative capital cost targets approved by the Commission in Order No. 2012-884. The approved capital cost targets have been adjusted to reflect the currently reported historical escalation rates. There has not been any use by the Company of the capital cost timing contingencies that were approved by the Commission in Order No. 2009-104(A). The Inflation Indices section (Section IV.B.) of this report provides updated information on inflation indices and the changes in them.

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A. Capital Costs

Appendix 2 shows the Cumulative Project Cash Flow target as approved in Order No. 2012-884 and as updated for escalation and other Commission-approved adjustments under the heading **"Per Order 2012-884 Adjusted."**

Appendix 2 also shows the cumulative cash flow for the project based on actual expenditures to date and the Company's current forecast of cost and construction schedules under the heading **"Actual through March 2014 plus Projected."**

As shown on **Appendix 2,** the projected expenditure for the project for the 12 months ended December 31, 2014, is approximately $805 million. As shown on **Appendix 2,** line 39, the cumulative amount projected to be spent on the project as of December 31, 2014, is approximately $3.116 billion. As shown on **Appendix 2,** line 18, the Cumulative Project Cash Flow target approved by the Commission for year-end 2014 adjusted for current escalation and WEC/CB&I billing differences is approximately $3.721 billion. As a result, the cumulative cash flow at year-end 2014 is projected to be approximately $605 million less than the target.

For comparison purposes, **Appendix 3** sets out the cash flow schedule for the project as it was approved in Order No. 2012-884. **Appendix 3** does not include any adjustments to the cash flow schedule for changes in inflation indices or adjustments in capital cost schedules made by the Company. The AFUDC forecast presented on **Appendix 3** is the AFUDC forecast that was current at the time of Order No. 2012-884.

B. Inflation Indices

Appendix 4 shows the updated inflation indices approved in Order No. 2009-104(A). Included is a history of the annual Handy-Whitman All Steam Index, South Atlantic Region; the Handy-Whitman All Steam and Nuclear Index, South Atlantic Region; the Handy-Whitman All Transmission Plant Index, South Atlantic Region; and the Chained GDP Index for the past 10 years. The changes in these indices and the escalation-related effects of cost rescheduling resulted in a decrease in the projected cost of the Units in future dollars from approximately $6.3 billion as forecast in Order No. 2009-104(A) to a forecast of approximately $5.6 billion using current inflation data.

V. Updated Schedule of Anticipated Capital Costs

The updated schedule of anticipated capital costs for Units 2 & 3 is reflected in **Appendix 2.**

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VI. Conclusion

The Units are currently anticipated to be completed at a cost of approximately $4.5 billion in 2007 dollars. The Company maintains a staff that monitors the work of its contractors and continues to monitor closely areas of concern related to either the cost or schedule for the project. The Company will continue to update the Commission and the ORS of progress and concerns as the project proceeds.

ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
7Q10	A standard low-water flow condition used for evaluating the environmental effects of discharges and withdrawals from rivers and streams. The conditions are calculated to reflect the lowest average 7-day flow expected to be encountered during any 10-year period.
ACI	American Concrete Institute.
AFUDC	Allowance for Funds Used During Construction.
AP1000	The WEC designed Advanced Pressurized water nuclear reactor of approximately 1000 megawatts generating capacity.
APOG	A group of utilities who have submitted applications for AP1000 COLs.
BLRA	The Base Load Review Act, S.C. Code Ann. § 58-33-210 et seq. (Supp. 2009).
CA	The designation for specific pre-fabricated structural modules that form part of the reactor building or auxiliary building, such as Module CA20.
CAP	Corrective Action Program.
CAR	A Corrective Action Report related to design, engineering or construction of the Units, or related processes, that must be corrected.
CB&I	Chicago Bridge & Iron, a sub-contractor on the project which, upon acquisition of the Shaw Group, became a member of the Consortium and a prime contractor on the project.
CB&I-LC	CB&I Lake Charles - the module fabrication unit formerly known as Shaw Modular Solutions or SMS and located in Lake Charles, Louisiana.
CB&I Services	A subsidiary of CB&I that is fabricating the containment vessels onsite under contract with Westinghouse.
CES	Carolina Energy Solutions, a subcontractor located in Rock Hill, South Carolina.
CMIS	Configuration Management Information System.
COD	Commercial Operation Date.
COLs	Combined Operating Licenses for construction and operation of a nuclear unit issued by the NRC.
COLA	A Combined Operating License Application.
Commission	The Public Service Commission of South Carolina.
Consortium	The joint venture between WEC and CB&I to construct the Units under the terms of the EPC Contract.
CR	A Condition Report communicating and memorializing concerns with the design, engineering or construction of the Units, or related processes, which in some cases can become the basis for a Corrective Action Report.
CV	The Containment Vessel which provides containment for the reactor vessel and associated equipment.
CVBH	The Containment Vessel Bottom Head that forms the bottom of the Containment Vessel.
CWIP	Construction Work in Progress.
CWP	Circulating Water Pipe.
CWS	The Circulating Water System –the system that will transport waste heat from the turbines to the cooling towers.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
Cyber Security	Technologies, processes and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access.
DCD	Design Control Document which is approved by the Nuclear Regulatory Commission and sets forth the approved design of a nuclear reactor.
Departures	Departures are minor deviations from the approved Design Control Document included in the licensing basis for the Units that do not rise to the level requiring a LAR.
EMD	Electro-Mechanical Division of Curtiss-Wright Corp., the sub-contractor for the Reactor Coolant Pumps.
EPA	The United States Environmental Protection Agency.
EPC Contract	The Engineering, Procurement and Construction Agreement for construction of the Units entered into by SCE&G and WEC/CB&I.
ERB	The Emergency Response Building which provides office space and housing for the emergency response personnel and equipment for all three units.
Exit Debriefing	A meeting held between the NRC and the licensee at the conclusion of an NRC inspection to discuss the results of the inspection.
FEIS	A Final Environmental Impact Statement as required by the National Environmental Policy Act of 1969.
FERC	The Federal Energy Regulatory Commission.
FFD	Fitness For Duty, a program that seeks to provide reasonable assurance that site personnel are trustworthy, will perform their tasks in a reliable manner, and are not under the influence of substances or otherwise impaired in a way that may adversely affect their ability to safely and competently perform their duties.
Fixed/Firm	Prices under the EPC Contract which are either fixed or are firm but subject to defined escalation rates.
FLEX	A diverse, flexible strategy led by NEI for adding more backup systems to cool nuclear reactors and used fuel storage pools and to maintain the integrity of reactor containment structures in response to lessons learned from Fukushima.
FNC	First Nuclear Concrete.
FNTP	Full Notice to Proceed authorizing all remaining safety-related work to commence.
FSAR	Final Safety Analysis Report – a report by the applicant providing support to the NRC's approval and certification of the standard power plant design.
GDP	Gross Domestic Product.
HFE/ISV	Human Factors Engineering/Integrated Systems Validation –part of the development of a training simulator for the Units.
HL or Hot Leg	That part of the Reactor Cooling Loop that transports steam to the steam generators.
HLD	Heavy Lift Derrick - the derrick that was erected on site to move large modules and equipment.
IBF	Subcontractor of Tioga that manufactures the Reactor Coolant Loop piping.
ICN	ITAAC Closure Notification – the letter from the licensee to notify the NRC that an ITAAC is complete in accordance with 10 CFR 52.99(c)(1).
IFC	Issued for Construction – engineering drawings that include information necessary for construction of specific structures, systems and components.
ILO	Initial Licensed Operator.
INPO	Institute of Nuclear Power Operations.
IPS	Integrated Project Schedule for licensing and construction of the Units.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
ITAAC	Inspections, Tests, Analyses, and Acceptance Criteria which are the inspections, tests, analyses and acceptance criteria that the NRC has determined to be necessary and sufficient to demonstrate that a nuclear unit has been constructed and will operate in conformity with the COLs, the Atomic Energy Act of 1954, as amended, and the NRC's regulations.
LAR	License Amendment Request – A formal request made by VCSNS to amend the combined operating license, its appendices, or its associated bases.
LNTP	Limited Notice to Proceed authorizing a vendor to commence specific work.
LSS	Limited Scope Simulator –a training simulator with limited functionality that can be used for the initial stages of operator training.
MAB	Module Assembly Building - a building on site where large modules will be constructed and equipment will be prepared for installation in a space that is protected from the elements.
Mangiarotti	Mangiarotti Nuclear, S.p.A.
Near Term Task Force	A senior level task force created by the NRC to address lessons learned from the 2011 earthquake and tsunami in Fukushima, Japan with operating nuclear plants and new reactor applicants.
NEI	Nuclear Energy Institute.
Nelson Studs	Metal studs used in composite construction to secure concrete to steel components. The studs project out of the steel components and are surrounded by the concrete when it is poured.
NI	Nuclear Island, comprising the steel containment vessel, the reactor building, and the auxiliary building.
NLC	Nuclear Learning Center - a training facility operated by SCE&G at the Jenkinsville site.
NLO	Non-Licensed Operator.
NND	The New Nuclear Deployment Team within SCE&G.
NNI	Newport News Industries - a module fabrication subcontractor to WEC/CB&I.
NPDES	National Pollutant Discharge Elimination System.
NRC	The United States Nuclear Regulatory Commission.
ORS	South Carolina Office of Regulatory Staff.
OWS	Off Site Water System – the system that withdraws water from Monticello Reservoir and provides potable and filtered water for the Units.
PAR	Preliminary Amendment Request - A formal request made by VCSNS which allows VCSNS to proceed at its own risk with work consistent with an amendment request contained in an LAR prior to approval.
PDC	Power Distribution Center - prefabricated, modular enclosures housing electrical equipment such as switchgear, motor control center equipment and other auxiliary equipment.
Pike	Pike Energy Solutions, a contractor for transmission and switchyard related work.
PRA	Probabilistic Risk Assessment.
PRHR	The Passive Residual Heat Removal Heat Exchanger unit –a heat exchanger unit that is part of the passive safety system which provides cooling to the AP1000 reactor during emergency situations.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
PRS	Plant Reference Simulator – a training simulator with full functionality that can be used in all stages of operator training.
PWS	The Potable Water System - which provides potable water to the site.
QA	Quality Assurance – The planned and systematic activities implemented in a quality system so that the quality requirements for a product or service will be fulfilled.
QA/QC	Quality Assurance/Quality Control.
QC	Quality Control – The observation techniques and activities used to fulfill requirements for quality.
RAI	Requests for Additional Information issued by the NRC staff to license applicants.
RCA	Root Cause Analysis – identification and evaluation of the reason for non-conformance, an undesirable condition, or a problem which (when solved) restores the status quo.
RCL	The Reactor Coolant Loop – the piping and related equipment that transports heat from the reactor to the steam generator.
RCP	The Reactor Cooling Pump which forms part of the Reactor Coolant System.
RCS	The Reactor Coolant System - the complete system for transferring and transporting heat from the reactor to the steam generator.
RFI	Requests for Information issued by the NRC staff to licensees.
ROW	Right-of-way.
RT	Radiographic Testing - a nondestructive testing method of inspecting materials for hidden flaws by using the ability of short wavelength electromagnetic radiation (high energy photons) to penetrate various materials.
RV	Reactor Vessel.
RWS	Raw Water System – the system for withdrawing and transporting raw water from the Monticello Reservoir.
SAT	Site Acceptance Testing.
SCDHEC	The South Carolina Department of Health and Environmental Control.
SCDNR	The South Carolina Department of Natural Resources.
SCE&G or The Company	South Carolina Electric & Gas Company.
SDS	Sanitary Drain System.
Shaw	The Shaw Group.
SMS	Shaw Modular Solutions, LLC.
SNC	Southern Nuclear Company – a subsidiary of Southern Company and licensed operator of the Vogtle Nuclear Units and two other nuclear plants.
SRO	Senior Reactor Operator.
SROC	Senior Reactor Operator Certification.
Target	Costs under the EPC Contract where targets have been established but where SCE&G pays actual costs as incurred.
TEi	Thermal Engineering International – a subsidiary of Babcock Power which manufactures moisture separator reheaters and other power plant equipment.
UFSAR	Updated Final Safety Analysis Report.
Units	V. C. Summer Nuclear Station Units 2 & 3.
Update Docket	A proceeding under the BLRA seeking Commission approval of updated cost and construction schedules for the Units.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
URI	Unresolved Items – A term used by the NRC during inspections for items that require further action.
USACOE	The United States Army Corps of Engineers.
VCSNS or VCSN	V. C. Summer Nuclear Station.
WEC	Westinghouse Electric Company, LLC.
WEC/CB&I	The consortium formed by Westinghouse Electric Company, LLC and CB&I.
WEC/CB&I Claims	WEC/CB&I's claims for additional charges associated with the COL delay, the Shield Building design changes, the structural modules design changes, and the lower than anticipated rock elevations encountered in certain areas within the Unit 2 Nuclear Island.
WTP	The off-site Water Treatment Plant which will take water from Lake Monticello and treat it to potable water standards.
WWS	The Waste Water System – the system for collection, treatment and disposal of domestic waste water generated on site.
YFS	The Yard Fire System – the system that provides fire detection and protection outside of the plant.
ZBS	The Offsite Power System –the system which provides electrical power to the site.

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APPENDIX 1

V. C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff Submitted by South Carolina Electric & Gas Company Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

Appendix 1 lists and updates each of the milestones which the Commission adopted as the Approved Construction Schedule for the Units, pursuant to S.C. Code Ann. § 58-33-270(B)(1) in Order No. 2012-884. **Appendix 1** provides columns with the following information:

1. Milestone tracking ID number.
2. The description of the milestone as updated in Order No. 2012-884.
3. The BLRA milestone date as approved by the Commission in Order No. 2012-884.
4. The current milestone date.
5. For each completed milestone, the date by which it was completed. For milestones completed prior to the current reporting quarter, the milestone entry is shaded in gray. For milestones completed during the current reporting quarter, the milestone entry is shaded in green.
6. Information showing the number of months, if any, by which a milestone has been shifted. For milestones with planned completion dates that vary in days instead of months, the milestone entry is shaded in yellow.
7. Information as to whether any milestone has been shifted outside of the +18/-24 Month Contingency approved by the Commission.
8. Notes.

On the final page of the document, there is a chart summarizing milestone completion and movement comparing the current milestone date to the milestone date approved in Order No. 2012-884. This movement is shown for only the milestones that have not been completed.

Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
1	Approve Engineering Procurement and Construction Agreement	Complete		5/23/2008		No	
2	Issue POs to nuclear component fabricators for Units 2 & 3 Containment Vessels	Complete		12/3/2008		No	
3	Contractor Issue PO to Passive Residual Heat Removal Heat Exchanger Fabricator - First Payment - Unit 2	Complete		8/18/2008		No	
4	Contractor Issue PO to Accumulator Tank Fabricator - Unit 2	Complete		7/31/2008		No	
5	Contractor Issue PO to Core Makeup Tank Fabricator - Units 2 & 3	Complete		9/30/2008		No	
6	Contractor Issue PO to Squib Valve Fabricator - Units 2 & 3	Complete		3/31/2009		No	
7	Contractor Issue PO to Steam Generator Fabricator - Units 2 & 3	Complete		5/29/2008		No	
8	Contractor Issue Long Lead Material PO to Reactor Coolant Pump Fabricator - Units 2 & 3	Complete		6/30/2008		No	
9	Contractor Issue PO to Pressurizer Fabricator - Units 2 & 3	Complete		8/18/2008		No	
10	Contractor Issue PO to Reactor Coolant Loop Pipe Fabricator - First Payment - Units 2 & 3	Complete		6/20/2008		No	
11	Reactor Vessel Internals - Issue Long Lead Material PO to Fabricator - Units 2 & 3	Complete		11/21/2008		No	
12	Contractor Issue Long Lead Material PO to Reactor Vessel Fabricator - Units 2 & 3	Complete		5/29/2008		No	
13	Contractor Issue PO to Integrated Head Package Fabricator - Units 2 & 3	Complete		7/31/2009		No	
14	Control Rod Drive Mechanism Issue PO for Long Lead Material to Fabricator - Units 2 & 3 - first payment	Complete		6/21/2008		No	

Legend = Completed = Completed this Quarter = Movement in Days Only

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
15	Issue POs to nuclear component fabricators for Nuclear Island structural CA20 Modules	Complete		8/28/2009		No	
16	Start Site Specific and balance of plant detailed design	Complete		9/11/2007		No	
17	Instrumentation & Control Simulator - Contractor Place Notice to Proceed - Units 2 & 3	Complete		10/31/2008		No	
18	Steam Generator - Issue Final PO to Fabricator for Units 2 & 3	Complete		6/30/2008		No	
19	Reactor Vessel Internals - Contractor Issue PO for Long Lead Material (Heavy Plate and Heavy Forgings) to Fabricator - Units 2 & 3	Complete		1/29/2010		No	
20	Contractor Issue Final PO to Reactor Vessel Fabricator - Units 2 & 3	Complete		9/30/2008		No	
21	Variable Frequency Drive Fabricator Issue Transformer PO - Units 2 & 3	Complete		4/30/2009		No	
22	Start clearing, grubbing and grading	Complete		1/26/2009		No	
23	Core Makeup Tank Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/31/2008		No	
24	Accumulator Tank Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/31/2008		No	
25	Pressurizer Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/31/2008		No	
26	Reactor Coolant Loop Pipe - Contractor Issue PO to Fabricator - Second Payment - Units 2 & 3	Complete		4/30/2009		No	
27	Integrated Head Package - Issue PO to Fabricator - Units 2 and 3 - second payment	Complete		7/31/2009		No	
28	Control Rod Drive Mechanisms - Contractor Issue PO for Long Lead Material to Fabricator - Units 2 & 3	Complete		6/30/2008		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
29	Contractor Issue PO to Passive Residual Heat Removal Heat Exchanger Fabricator - Second Payment - Units 2 & 3	Complete		10/31/2008		No	
30	Start Parr Road intersection work	Complete		2/13/2009		No	
31	Reactor Coolant Pump - Issue Final PO to Fabricator - Units 2 & 3	Complete		6/30/2008		No	
32	Integrated Heat Packages Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/1/2009		No	
33	Design Finalization Payment 3	Complete		1/30/2009		No	
34	Start site development	Complete		6/23/2008		No	
35	Contractor Issue PO to Turbine Generator Fabricator - Units 2 & 3	Complete		2/19/2009		No	
36	Contractor Issue PO to Main Transformers Fabricator - Units 2 & 3	Complete		9/25/2009		No	
37	Core Makeup Tank Fabricator Notice to Contractor Receipt of Long Lead Material - Units 2 & 3	Complete		12/30/2010		No	
38	Design Finalization Payment 4	Complete		4/30/2009		No	
39	Turbine Generator Fabricator Issue PO for Condenser Material - Unit 2	Complete		8/28/2009		No	
40	Reactor Coolant Pump Fabricator Issue Long Lead Material Lot 2 - Units 2 & 3	Complete		4/30/2009		No	
41	Passive Residual Heat Removal Heat Exchanger Fabricator Receipt of Long Lead Material - Units 2 & 3	Complete		5/27/2010		No	
42	Design Finalization Payment 5	Complete		7/31/2009		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
43	Start erection of construction buildings, to include craft facilities for personnel, tools, equipment; first aid facilities; field offices for site management and support personnel; temporary warehouses; and construction hiring office	Complete		12/18/2009		No	
44	Reactor Vessel Fabricator Notice to Contractor of Receipt of Flange Nozzle Shell Forging - Unit 2	Complete		8/28/2009		No	
45	Design Finalization Payment 6	Complete		10/7/2009		No	
46	Instrumentation and Control Simulator - Contractor Issue PO to Subcontractor for Radiation Monitor System - Units 2 & 3	Complete		12/17/2009		No	
47	Reactor Vessel Internals - Fabricator Start Fit and Welding of Core Shroud Assembly - Unit 2	Complete		7/29/2011		No	
48	Turbine Generator Fabricator Issue PO for Moisture Separator Reheater/Feedwater Heater Material - Unit 2	Complete		4/30/2010		No	
49	Reactor Coolant Loop Pipe Fabricator Acceptance of Raw Material - Unit 2	Complete		2/18/2010		No	
50	Reactor Vessel Internals - Fabricator Start Weld Neutron Shield Spacer Pads to Assembly - Unit 2	Complete		8/28/2012		No	
51	Control Rod Drive Mechanisms - Fabricator to Start Procurement of Long Lead Material - Unit 2	Complete		6/30/2009		No	
52	Contractor Notified that Pressurizer Fabricator Performed Cladding on Bottom Head - Unit 2	Complete		12/23/2010		No	
53	Start excavation and foundation work for the standard plant for Unit 2	Complete		3/15/2010		No	
54	Steam Generator Fabricator Notice to Contractor of Receipt of 2nd Steam Generator Tubesheet Forging - Unit 2	Complete		4/30/2010		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
55	Reactor Vessel Fabricator Notice to Contractor of Outlet Nozzle Welding to Flange Nozzle Shell Completion - Unit 2	Complete		12/30/2010		No	
56	Turbine Generator Fabricator Notice to Contractor Condenser Fabrication Started - Unit 2	Complete		5/17/2010		No	
57	Complete preparations for receiving the first module on site for Unit 2	Complete		1/22/2010		No	
58	Steam Generator Fabricator Notice to Contractor of Receipt of 1st Steam Generator Transition Cone Forging - Unit 2	Complete		4/21/2010		No	
59	Reactor Coolant Pump Fabricator Notice to Contractor of Manufacturing of Casing Completion - Unit 2	Complete		11/16/2010		No	
60	Reactor Coolant Loop Pipe Fabricator Notice to Contractor of Machining, Heat Treating & Non-Destructive Testing Completion - Unit 2	Complete		3/20/2012		No	
61	Core Makeup Tank Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 2	Complete		11/26/2012		No	
62	Polar Crane Fabricator Issue PO for Main Hoist Drum and Wire Rope - Units 2 & 3	Complete		2/1/2011		No	
63	Control Rod Drive Mechanisms - Fabricator to Start Procurement of Long Lead Material - Unit 3	Complete		6/14/2011		No	
64	Turbine Generator Fabricator Notice to Contractor Condenser Ready to Ship - Unit 2	Complete		3/26/2012		No	
65	Start placement of mud mat for Unit 2	Complete		7/20/2012		No	
66	Steam Generator Fabricator Notice to Contractor of Receipt of 1st Steam Generator Tubing - Unit 2	Complete		9/28/2010		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
67	Pressurizer Fabricator Notice to Contractor of Welding of Upper and Intermediate Shells Completion - Unit 2	Complete		10/28/2011		No	
68	Reactor Vessel Fabricator Notice to Contractor of Closure Head Cladding Completion - Unit 3	Complete		6/28/2012		No	
69	Begin Unit 2 first nuclear concrete placement	Complete		3/9/2013		No	
70	Reactor Coolant Pump Fabricator Notice to Contractor of Stator Core Completion - Unit 2	Complete		12/1/2011		No	
71	Fabricator Start Fit and Welding of Core Shroud Assembly - Unit 2	Complete		7/29/2011		No	
72	Steam Generator Fabricator Notice to Contractor of Completion of 1st Steam Generator Tubing Installation - Unit 2	Complete		1/27/2012		No	
73	Reactor Coolant Loop Pipe - Shipment of Equipment to Site - Unit 2	Complete		12/19/2013		No	
74	Control Rod Drive Mechanism - Ship Remainder of Equipment (Latch Assembly & Rod Travel Housing) to Head Supplier - Unit 2	Complete		7/16/2012		No	
75	Pressurizer Fabricator Notice to Contractor of Welding of Lower Shell to Bottom Head Completion - Unit 2	Complete		12/22/2011		No	
76	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Steam Generator Tubing Installation - Unit 2	Complete		5/4/2012		No	
77	Design Finalization Payment 14	Complete		10/31/2011		No	
78	Set module CA04 for Unit 2	11/6/2012	5/3/2014	5/3/2014	+18 Month(s)	No	Milestone completed subsequent to the end of 14-1Q

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
79	Passive Residual Heat Removal Heat Exchanger Fabricator Notice to Contractor of Final Post Weld Heat Treatment - Unit 2	Complete		5/24/2011		No	
80	Passive Residual Heat Removal Heat Exchanger Fabricator Notice to Contractor of Completion of Tubing - Unit 2	Complete		5/29/2012		No	
81	Polar Crane Fabricator Notice to Contractor of Girder Fabrication Completion - Unit 2	Complete		10/23/2012		No	
82	Turbine Generator Fabricator Notice to Contractor Condenser Ready to Ship - Unit 3	Complete		8/26/2013		No	
83	Set Containment Vessel ring #1 for Unit 2	1/7/2013	5/29/2014		+16 Month(s)	No	Due to delays associated with delivery, receipt and fabrication of modules.
84	Reactor Coolant Pump Fabricator Delivery of Casings to Port of Export - Unit 2	Complete		7/6/2013		No	
85	Reactor Coolant Pump Fabricator Notice to Contractor of Stator Core Completion - Unit 3	Complete		7/18/2013		No	
86	Reactor Vessel Fabricator Notice to Contractor of Receipt of Core Shell Forging - Unit 3	Complete		3/29/2012		No	
87	Contractor Notified that Pressurizer Fabricator Performed Cladding on Bottom Head - Unit 3	Complete		11/9/2011		No	
88	Set Nuclear Island structural module CA03 for Unit 2	6/26/2013	10/22/2014		+16 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
89	Squib Valve Fabricator Notice to Contractor of Completion of Assembly and Test for Squib Valve Hardware - Unit 2	Complete		5/10/2012		No	
90	Accumulator Tank Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 3	Complete		9/16/2013		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
91	Polar Crane Fabricator Notice to Contractor of Electric Panel Assembly Completion - Unit 2	Complete		3/6/2013		No	
92	Start containment large bore pipe supports for Unit 2	6/28/2013	11/14/2014		+17 Month(s)	No	Due to delays associated with delivery, receipt and fabrication of modules.
93	Integrated Head Package - Shipment of Equipment to Site - Unit 2	3/31/2013	4/30/2014		+13 Month(s)	No	Due to design changes and subsequent delay in predecessor schedule activities.
94	Reactor Coolant Pump Fabricator Notice to Contractor of Final Stator Assembly Completion - Unit 2	Complete		12/17/2013		No	
95	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Steam Generator Tubing Installation - Unit 3	6/30/2013		2/7/2014		No	
96	Steam Generator Fabricator Notice to Contractor of Satisfactory Completion of 1st Steam Generator Hydrotest - Unit 2	Complete		1/14/2013		No	
97	Start concrete fill of Nuclear Island structural modules CA01 and CA02 for Unit 2	4/3/2014	5/24/2015		+13 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
98	Passive Residual Heat Removal Heat Exchanger - Delivery of Equipment to Port of Entry - Unit 2	12/31/2012	4/30/2014	4/25/2014	+16 Month(s)	No	Milestone completed subsequent to the end of 14-1Q
99	Refueling Machine Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 2	11/30/2013	11/30/2014		+12 Month(s)	No	Due to schedule refinement and review.
100	Deliver Reactor Vessel Internals to Port of Export - Unit 2	1/31/2014	11/14/2014		+10 Month(s)	No	Due to schedule refinement and review.

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
101	Set Unit 2 Containment Vessel #3	4/24/2014	8/31/2015		+16 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
102	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 2	7/31/2013	10/31/2014		+15 Month(s)	No	Due to schedule refinement and review.
103	Turbine Generator Fabricator Notice to Contractor Turbine Generator Ready to Ship - Unit 2	Complete		5/28/2013		No	
104	Pressurizer Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 3	3/31/2014	7/23/2014		+4 Month(s)	No	Due to schedule refinement and review.
105	Polar Crane - Shipment of Equipment to Site - Unit 2	1/31/2014	2/6/2015		+13 Month(s)	No	Due to schedule refinement and review.
106	Receive Unit 2 Reactor Vessel on site from fabricator	Complete		7/31/2013		No	
107	Set Unit 2 Reactor Vessel	6/23/2014	4/10/2015		+10 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
108	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Channel Head to Tubesheet Assembly Welding - Unit 3	12/31/2013	7/30/2014		+7 Month(s)	No	Due to schedule refinement and review.
109	Reactor Coolant Pump Fabricator Notice to Contractor of Final Stator Assembly Completion - Unit 3	8/31/2014	2/27/2015		+6 Month(s)	No	Due to schedule refinement and review.
110	Reactor Coolant Pump - Shipment of Equipment to Site (2 Reactor Coolant Pumps) - Unit 2	10/31/2013	1/31/2015		+15 Month(s)	No	Due to schedule refinement and review.
111	Place first nuclear concrete for Unit 3	Complete		11/2/2013		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
112	Set Unit 2 Steam Generator	10/23/2014	7/31/2015		+9 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
113	Main Transformers Ready to Ship - Unit 2	Complete		7/31/2013		No	
114	Complete Unit 3 Steam Generator Hydrotest at fabricator	2/28/2014	12/31/2014		+10 Month(s)	No	Due to schedule refinement and review.
115	Set Unit 2 Containment Vessel Bottom Head on basemat legs	Complete		5/22/2013		No	
116	Set Unit 2 Pressurizer Vessel	5/16/2014	6/1/2015		+13 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
117	Reactor Coolant Pump Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 3	2/28/2015	8/31/2015		+6 Month(s)	No	Due to schedule refinement and review.
118	Deliver Reactor Vessel Internals to Port of Export - Unit 3	6/30/2015	10/30/2015		+4 Month(s)	No	Due to schedule refinement and review.
119	Main Transformers Fabricator Issue PO for Material - Unit 3	2/28/2015	2/2/2015			No	Due to schedule refinement and review.
120	Complete welding of Unit 2 Passive Residual Heat Removal System piping	2/5/2015	10/12/2015		+8 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
121	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 3	4/30/2015	11/30/2015		+7 Month(s)	No	Due to delay associated with fabrication activities.
122	Refueling Machine - Shipment of Equipment to Site - Unit 3	2/28/2015	4/3/2015		+2 Month(s)	No	Due to schedule refinement and review.

Legend = Completed = Completed this Quarter = Movement in Days Only

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
123	Set Unit 2 Polar Crane	1/9/2015	10/28/2015		+9 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
124	Reactor Coolant Pumps - Shipment of Equipment to Site - Unit 3	6/30/2015	9/30/2015		+3 Month(s)	No	Due to schedule refinement and review.
125	Main Transformers Ready to Ship - Unit 3	7/31/2015	5/31/2015		-2 Month(s)	No	Schedule ahead of plan.
126	Spent Fuel Storage Rack - Shipment of Last Rack Module - Unit 3	7/31/2014	7/3/2014			No	Due to schedule refinement and review.
127	Start electrical cable pulling in Unit 2 Auxiliary Building	8/14/2013	11/14/2014		+15 Month(s)	No	Due to delays associated with engineering and licensing approvals and delay of FNC.
128	Complete Unit 2 Reactor Coolant System cold hydro	1/22/2016	10/16/2016		+9 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
129	Activate class 1E DC power in Unit 2 Auxiliary Building	3/15/2015	2/6/2016		+11 Month(s)	No	Due to delays associated with engineering and licensing approvals and delay of FNC.
130	Complete Unit 2 hot functional test	5/3/2016	2/15/2017		+9 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
131	Install Unit 3 ring 3 for containment vessel	8/25/2015	6/9/2016		+10 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.

Legend = Completed = Completed this Quarter = Movement in Days Only

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
132	Load Unit 2 nuclear fuel	9/15/2016	7/25/2017		+10 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
133	Unit 2 Substantial Completion	3/15/2017	12/15/2017		+9 Month(s)	No	Due to delays associated with fabrication, assembly and setting of the CA01 module.
134	Set Unit 3 Reactor Vessel	10/22/2015	1/26/2016		+3 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
135	Set Unit 3 Steam Generator #2	2/25/2016	4/2/2016		+2 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
136	Set Unit 3 Pressurizer Vessel	7/16/2015	1/26/2016		+6 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
137	Complete welding of Unit 3 Passive Residual Heat Removal System piping	6/16/2016	6/15/2016			No	Due to schedule refinement and review.

Legend = Completed = Completed this Quarter = Movement in Days Only

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
138	Set Unit 3 polar crane	5/9/2016	10/10/2016		+5 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
139	Start Unit 3 Shield Building roof slab rebar placement	5/26/2016	10/21/2016		+5 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
140	Start Unit 3 Auxiliary Building electrical cable pulling	11/7/2014	9/23/2015		+10 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
141	Activate Unit 3 Auxiliary Building class 1E DC power	5/15/2016	12/5/2016		+7 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
142	Complete Unit 3 Reactor Coolant System cold hydro	3/22/2017	8/30/2017		+5 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
143	Complete Unit 3 hot functional test	7/3/2017	1/4/2018		+6 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.

Legend = Completed = Completed this Quarter = Movement in Days Only

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2012-884 Description	Order No. 2012-884 Date	14-1Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2012-884 Date	Outside +18/-24 Months Contingency?	Notes
144	Complete Unit 3 nuclear fuel load	11/15/2017	6/20/2018		+7 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
145	Begin Unit 3 full power operation	4/8/2018	11/25/2018		+7 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.
146	Unit 3 Substantial Completion	5/15/2018	12/15/2018		+7 Month(s)	No	Due to rescheduling of Unit 3 work impacted by delays associated with fabrication, assembly and setting of the CA01 module.

SUMMARY

Total Milestones Completed	**96**	**out of**	**146 =**	**66%**
Milestone Movement - Order No. 2012-884 vs. 14-1Q:				
a) Forward Movement	**46**	**out of**	**146 =**	**32%**
b) Backward Movement	**1**	**out of**	**146 =**	**1%**
Milestones Within +12 to +18 Month range	**14**	**out of**	**146 =**	**10%**

Legend = Completed = Completed this Quarter = Movement in Days Only

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APPENDIX 2

V. C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff Submitted by South Carolina Electric & Gas Company Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

Appendix 2 is an updated and expanded version of the information contained in the capital cost schedule approved by the Commission in Order No. 2012-884.

Appendix 2 shows:

1. The actual expenditures on the project by plant cost category through the current period.
2. The changes in capital costs reflecting the Company's current forecast of expenditures on the project for each future period by plant cost category. In updating its cost projections the Company has used the current construction schedule for the project and the Commission-approved inflation indices as set forth in **Appendix 4** to this report.
3. The cumulative CWIP for the project and the balance of CWIP that is not yet reflected in revised rates.
4. The current rate for calculating AFUDC computed as required under applicable FERC regulations.

The Cumulative Project Cash Flow target as approved in Order No. 2012-884 and as updated for escalation and other Commission-approved adjustments is found under the heading **"Per Order 2012-884 Adjusted."** The adjustments reflect:

1. Changes in inflation indices.
2. Budget Carry-Forward Adjustments used, where appropriate to track the effect of lower-than-expected cumulative costs on the future cumulative cash flow of the project.

Appendix 2 also shows the cumulative cash flow for the project based on actual expenditures to date and the current construction schedule and forecast of year-by-year costs going forward. This information is found under the heading **"Actual through March 2014 plus Projected."**

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Appendix 2

RESTATED and UPDATED CONSTRUCTION EXPENDITURES

(Thousands of $)

V.C. Summer Units 2 and 3 - Summary of SCE&G Capital Cost Components

Per Order 2012-884 Adjusted	Total	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Annual Project Cash Flow(per order)	5,516,849	21,723	100,905	340,003	398,551	349,061	713,307	950,179	1,007,569	831,281	521,351	201,408	81,510
Capital Cost Rescheduling Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-
Budget Carry-Forward Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
Net	5,516,849	21,723	100,905	340,003	398,551	349,061	713,307	950,179	1,007,569	831,281	521,351	201,408	81,510
Adjusted for Change in Escalation	5,213,699	21,723	100,905	340,003	398,551	349,061	704,909	935,236	870,454	744,258	473,011	195,748	79,838
Cumulative Project Cash Flow(Target)		21,723	122,629	462,632	861,183	1,210,244	1,915,153	2,850,390	3,720,844	4,465,102	4,938,113	5,133,861	5,213,699

Actual through March 2014* plus Projected		Actual							Projected				
Plant Cost Categories	Total	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Fixed with No Adjustment													
Firm with Fixed Adjustment A													
Firm with Fixed Adjustment B													
Firm with Indexed Adjustment													
Actual Craft Wages													
Non-Labor Costs													
Time & Materials													
Owners Costs													
Transmission Costs	329,512	-	26	724	927	11,964	51,641	56,593	65,074	70,156	65,712	6,695	-
Total Base Project Costs(2007 $)	4,548,405	21,723	97,386	319,073	374,810	314,977	488,425	448,947	688,461	770,291	555,118	320,559	148,634
Total Project Escalation	811,624	-	3,519	20,930	23,741	34,084	74,481	88,622	116,914	159,492	140,927	100,354	48,561
Total Revised Project Cash Flow	5,360,029	21,723	100,905	340,003	398,551	349,061	562,906	537,569	805,375	929,782	696,045	420,913	197,195
Cumulative Project Cash Flow(Revised)		21,723	122,629	462,632	861,183	1,210,244	1,773,150	2,310,719	3,116,094	4,045,876	4,741,921	5,162,834	5,360,029
AFUDC(Capitalized Interest)	265,546	645	3,497	10,564	17,150	14,218	18,980	27,722	32,025	53,081	45,626	28,300	13,738
Gross Construction	5,625,575	22,368	104,403	350,567	415,701	363,278	581,886	565,291	837,400	982,864	741,671	449,213	210,933
Construction Work in Progress		22,368	126,771	477,338	893,039	1,256,317	1,838,203	2,403,494	3,240,894	4,223,758	4,965,428	5,414,642	5,625,575

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CWIP Currently in Rates	2,105,781
March 31, 2014 Actual Incremental CWIP Not Currently in Rates	429,392

*Applicable index escalation rates for 2014 are estimated. Escalation is subject to restatement when actual indices for 2014 are final.

Notes:

2014-2018 AFUDC rate applied: 7.27%

The AFUDC rate applied is the current SCE&G rate. AFUDC rates can vary with changes in market interest rates, SCE&G's embedded cost of capital, capitalization ratios, construction work in process, and SCE&G's short-term debt outstanding.

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APPENDIX 3

V. C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff Submitted by South Carolina Electric & Gas Company Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

For comparison purposes, **Appendix 3** provides the schedule of capital costs for the project which was approved by the Commission in Order No. 2012-884 as the Approved Capital Cost of the Units, pursuant to S.C. Code Ann. § 58-33-270(B)(2). **Appendix 3** also reflects the forecast of AFUDC expense based on these adjusted schedules and the AFUDC rates that were current at the time of Order No. 2012-884. **Appendix 3** is intended to provide a fixed point of reference for future revisions and updating. While the schedule of costs contained on **Appendix 3** is subject to revision for escalation, changes in AFUDC rates and amounts, capital cost scheduling contingencies and other contingency adjustments as authorized in Order No. 2009-104(A), no such adjustments have been made to the schedules presented here.

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Appendix 3

RESTATED and UPDATED CONSTRUCTION EXPENDITURES

(Thousands of $)

V.C. Summer Units 2 and 3 - Summary of SCE&G Capital Cost Components

Per Order 2012-884

Plant Cost Categories	Total	Actual					Projected						
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Fixed with No Adjustment	CONFIDENTIAL												
Firm with Fixed Adjustment A													
Firm with Fixed Adjustment B													
Firm with Indexed Adjustment													
Actual Craft Wages													
Non-Labor Costs													
Time & Materials													
Owners Costs													
Transmission Costs	329,512	-	26	724	927	11,964	57,206	56,903	57,508	77,990	64,727	1,537	-
Total Base Project Costs(2007 $)	4,548,405	21,723	97,386	319,073	374,810	314,977	613,678	780,753	792,394	647,295	386,537	142,999	56,781
Total Project Escalation	968,444	-	3,519	20,930	23,741	34,084	99,630	169,425	215,175	183,987	134,815	58,409	24,729
Total Revised Project Cash Flow	5,516,849	21,723	100,905	340,003	398,551	349,061	713,307	950,179	1,007,569	831,281	521,351	201,408	81,510
Cumulative Project Cash Flow(Revised)		21,723	122,629	462,632	861,183	1,210,244	1,923,551	2,873,730	3,881,299	4,712,580	5,233,931	5,435,339	5,516,849
AFUDC(Capitalized Interest)	237,715	645	3,497	10,564	17,150	14,218	20,449	38,384	42,868	40,888	27,518	15,391	6,144
Construction Work in Progress		22,368	126,771	477,338	893,039	1,256,317	1,990,074	2,978,637	4,029,074	4,901,243	5,450,113	5,666,911	5,754,565

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APPENDIX 4

V. C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff
Submitted by South Carolina Electric & Gas Company
Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

Appendix 4 shows the changes in the inflation indices approved in Order No. 2009-104(A). Included is a ten year history of the Handy-Whitman All Steam Index, South Atlantic Region; the Handy-Whitman All Steam and Nuclear Index, South Atlantic Region; the Handy-Whitman All Transmission Plant Index, South Atlantic Region; and the Chained GDP Index. The change in the relevant indices from the Combined Application is also provided.

Appendix 4, Chart A

Inflation Indices, Chart A

HW All Steam Generation Plant Index, January 2014

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2014	600	-1.15%	2.73%	2.05%	4.62%
2013	607	4.84%	4.24%	3.25%	4.95%
2012	579	4.51%	2.19%	3.91%	4.71%
2011	554	3.36%	2.30%	4.73%	
2010	536	-1.29%	3.89%	5.21%	
2009	543	4.83%	7.19%	7.19%	
2008	518	8.14%	7.50%	6.65%	
2007	479	8.62%	7.66%	5.51%	
2006	441	5.76%	5.49%	4.17%	
2005	417	8.59%	4.39%		
2004	384	2.13%	2.17%		
2003	376	2.45%			
2002	367	1.94%			
2001	360				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Update Jan-14
HW All Steam Index:					
One year	**7.68%**	**4.83%**	**4.79%**	**4.51%**	**-1.15%**
Five Year	**5.74%**	**7.19%**	**5.31%**	**3.91%**	**2.05%**

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Appendix 4, Chart B

Inflation Indices, Chart B

HW All Steam and Nuclear Generation Plant Index, January 2014

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2014	600	-1.32%	2.80%	2.09%	4.65%
2013	608	5.19%	4.29%	3.32%	4.99%
2012	578	4.52%	2.20%	3.87%	4.72%
2011	553	3.17%	2.30%	4.74%	
2010	536	-1.11%	3.89%	5.26%	
2009	542	4.84%	7.21%	7.20%	
2008	517	7.93%	7.52%	6.66%	
2007	479	8.86%	7.75%	5.57%	
2006	440	5.77%	5.51%	4.19%	
2005	416	8.62%	4.40%		
2004	383	2.13%	2.18%		
2003	375	2.46%			
2002	366	1.95%			
2001	359				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Update Jan-14
HW All Steam/Nuclear Index:					
One year	**7.69%**	**4.84%**	**4.60%**	**4.52%**	**-1.32%**
Five Year	**5.75%**	**7.20%**	**5.32%**	**3.87%**	**2.09%**

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Appendix 4, Chart C

Inflation Indices, Chart C

HW All Transmission Plant Index, January 2014

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2014	595	-0.34%	1.81%	0.55%	4.57%
2013	597	3.29%	2.40%	2.10%	4.90%
2012	578	2.48%	-0.07%	3.00%	4.55%
2011	564	1.44%	1.57%	4.33%	
2010	556	-4.14%	3.68%	5.74%	
2009	580	7.41%	8.11%	8.60%	
2008	540	7.78%	8.48%	7.71%	
2007	501	9.15%	9.27%	6.10%	
2006	459	8.51%	7.21%	4.76%	
2005	423	10.16%	4.28%		
2004	384	2.95%	1.72%		
2003	373	-0.27%			
2002	374	2.47%			
2001	365				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Update Jan-14
HW All Transmission Plant Index					
One year	**8.82%**	**7.41%**	**5.08%**	**2.48%**	**-0.34%**
Five Year	**6.86%**	**8.60%**	**5.23%**	**3.00%**	**0.55%**

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Appendix 4

Inflation Indices, Chart D

GDP Chained Price Index, 2013

SERIESTYPE	UNIT	SHORT LABEL	ID	2007	2008	2009	2010	2011	2012	2013
Chained Price Index--Gross Domestic Product										
U.S. Macro - 10 Year Baseline	(2005=100)	Chained price index-gross domestic product , Source: BEA , Units: index- 2005=100.0	45158933	97.02	99.21	100.00	101.22	103.20	105.01	106.49
Annual Percent change					**2.20%**	**0.88%**	**1.34%**	**2.14%**	**1.78%**	**1.41%**
3-Year Annual Percent change					2.78%	1.67%	1.47%	1.45%	1.75%	1.71%
5-Year Annual Percent change					**2.90%**	**2.51%**	**2.11%**	**1.70%**	**1.67%**	**1.43%**
Consumer Price Index, All-Urban										
U.S. Macro - 10 Year Baseline	Index	Consumer price index, all-urban , Source: BLS , Units: - 1982-84=1.00	45158182	2.07	2.16	2.15	2.18	2.25	2.30	2.33
Percent change					4.17%	-0.46%	1.40%	3.21%	2.22%	1.30%
3-Year Annual Percent change					3.42%	2.17%	1.68%	1.37%	2.27%	2.25%
5-Year Annual Percent change					3.26%	2.62%	2.23%	2.22%	2.10%	1.53%
Producer Price Index--Finished Goods										
U.S. Macro - 10 Year Baseline	(1982=1.0)	Producer price index-finished goods , Source: BLS , Units: index- 1982=1.0	45159751	1.67	1.78	1.73	1.80	1.91	1.94	1.97
Percent change					6.59%	-2.81%	4.05%	6.11%	1.57%	1.55%
3-Year Annual Percent change					4.50%	2.64%	2.53%	2.38%	3.89%	3.08%
5-Year Annual Percent change					4.43%	3.03%	2.90%	3.61%	3.04%	2.09%

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Update Jan-14
GDP Chained Price Index					
One year	2.66%	2.24%	0.43%	2.11%	1.41%
Five Year	2.81%	2.86%	1.97%	1.69%	1.43%

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APPENDIX 5

V. C. Summer Nuclear Station Units 2 & 3

Quarterly Report to the South Carolina Office of Regulatory Staff Submitted by South Carolina Electric & Gas Company Pursuant to Public Service Commission Order No. 2009-104(A)

Quarter Ending March 31, 2014

Appendix 5 indicates those LARs that have been submitted by SCE&G to the NRC for review. Included is the title of each LAR, a brief description of the change(s) associated with the LAR, the date the LAR was submitted to the NRC, and the status of the requests.

Appendix 5

V.C. Summer Units 2 and 3 License Amendment Requests (LARs)

Topic	Description of Change	Submittal Date	Status
LAR 12-01 - Additional Electrical Penetration Assemblies	Provide additional penetrations of the Containment Vessel to allow sufficient space for electrical and instrument cables.	8/29/2012	Approved on 7/1/2013
LAR-12-02 – Tier 1 Table 3.3-1 Discrepancies – PAR Utilized	Conform the current ITAAC standards used to verify the shield building wall thickness to align with those approved in DCD Rev. 19.	9/26/2012	Approved on 5/30/2013
LAR 13-01 - Basemat Shear Reinforcement Design Spacing Requirements - PAR Utilized	Clarify the provisions for maximum spacing of the shear reinforcement in the basemat below the auxiliary building to be consistent with requirements shown in existing FSAR figures.	1/15/2013	Approved on 2/26/2013
LAR 13-02 - Basemat Shear Reinforcement Design Details - PAR Utilized	Revises the requirements for development of basemat shear reinforcement in the licensing basis from ACI 349 Appendix B to ACI 318-11, Section 12.6. The use of ACI 318 criteria for headed reinforcement results in longer shear ties and thicker concrete in areas below the elevator pits and a sump in the nuclear island basemat.	1/18/2013	Approved on 3/1/2013
LAR 13-03 - Turbine Building Eccentric and Concentric Bracing	Revises the turbine building main area to use a mixed bracing system using eccentrically and concentrically braced frames as a means of preventing the turbine building from collapsing onto the Nuclear Island (NI) during a seismic event. The structural design code is also changed to a code that includes adequate provisions for the new bracing system.	2/7/2013	Approved on 7/1/2013
LAR 13-04 - Reconciliation of Tier 1 Valve Differences	Reconciles valve related information contained in Tier 1 material to be consistent with corresponding Tier 2 material currently incorporated in the UFSAR.	2/7/2013	Under NRC Review

The gaps in LAR number sequencing are due to the order of submittal to the NRC.

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Appendix 5

V.C. Summer Units 2 and 3 License Amendment Requests (LARs)

Topic	Description of Change	Submittal Date	Status
LAR 13-05 - Structural Modules Shear Stud Size and Spacing	Revises Note 2 of UFSAR Figure 3.8.3-8, Sheet 1, which presents typical structural wall module details. This information needs to be changed to be consistent with the design basis calculations.	2/14/2013	Approved on 5/23/2013
LAR 13-06 - Primary Sampling System Changes	Alters the design of the Primary Sampling System (PSS) by replacing a check valve with a solenoid-operated gate valve, modifying the PSS inside-containment header and adding a PSS containment penetration.	2/7/2013	Approved on 8/22/2013
LAR 13-07 - Changes to the Chemical and Volume Control System (CVS)	Alters the design of the Chemical and Volume Control System (CVS) by adding/changing valves, separating the zinc and hydrogen injection paths and relocating the zinc injection point.	3/13/2013	Approved on 2/24/2014
LAR 13-08 - Module Obstructions and Details	Withdrawn after review with NRC-see Letter NND-13-202. *Superceded by LAR 13-20*.	2/28/2013	Withdrawn
LAR 13-09 - Annex/Radwaste Building Layout Changes	Updates column line numbers on Annex Building Figures and changes the configuration of the Radwaste building by adding three bunkers for storage and merging two rooms.	2/27/2014	Under NRC Review
LAR 13-10 - Human Factors Engineering Integrated System Validation Plan	Revises referenced document APP-OCS-GEH-320 from Revision D to Revision 2.	3/13/2013	Under NRC Review
LAR 13-11 - NI Wall Reinforcement Criteria -PAR Utilized .	Revises structural code criteria for anchoring reinforcement bar within the NI walls (adopts ACI-318 for this purpose).	3/26/2013	Approved on 6/6/2013

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Topic	Description of Change	Submittal Date	Status
LAR 13-12 - Fire Area Boundary Changes	Revises various information to support fire area boundaries (HVAC information, stairwell changes, and other layout changes).	7/17/2013	Under NRC Review
LAR 13-13 - Turbine Building Layout Changes	Revises the door location, clarifies column line designations, changes floor to ceiling heights and increases elevations and wall thickness in certain areas.	7/30/2013	Under NRC Review
LAR 13-14 - Turbine Building Battery Room and Electrical Changes	Revises the Non-Class 1E dc and Uninterruptible Power Supply System (EDS) and Class 1E dc and Uninterruptible Power Supply System (IDS) by: (1) Increasing EDS total equipment capacity, component ratings, and protective device sizing to support increased load demand, (2) Relocating equipment and moving Turbine Building (TB) first bay EDS Battery Room and Charger Room. The floor elevation increases from elevation 148'-0" to elevation 148'-10" to accommodate associated equipment cabling with this activity, and (3) Removing the Class 1E IDS Battery Back-up tie to the Non-Class 1E EDS Battery.	10/2/2013	Under NRC Review
LAR 13-15 - Operator Break Room Configuration	No description provided. This is no longer a LAR.	Changed to a Non-LAR Departure	
LAR 13-16 - Revision to Human Factors Engineering Design Verification Plan (GEH-120)	Revises referenced document APP-OCS-GEH-120 from Revision B to Revision 1.	9/25/2013	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 13-17 - Revision to Human Factors Engineering Task Support Verification (GEH-220)	Revises referenced document APP-OCS-GEH-220 from Revision B to Revision 1.	9/25/2013	Under NRC Review
LAR 13-18 - Revision to Human Factors Engineering Issue Resolution Plan	Revises APP-OCS-GEH-420 to make a number of changes in order to refine the process for capturing and resolving Human Engineering Discrepancies (HEDs) from that process document as described in Revision B.	10/3/2013	Under NRC Review
LAR 13-19 - Revision to Human Factors Engineering Plan	Revises APP-OCS-GEH-520 to make a number of changes in order to confirm aspects of the HSI and OCS design features that could not be evaluated in other Human Factors Engineering (HFE) V&V activities.	10/3/2013	Under NRC Review
LAR 13-20 - Modules / Stud Channel Obstructions Revision	Revises requirements for design spacing of shear studs and wall module trusses and the design of structural elements of the trusses such as angles and channels. These revisions are to address interferences and obstructions.	7/17/2013	Approved on 11/19/2013
LAR 13-21 - CA03 Module Design Differences	Corrects inconsistencies between Tier 2* and Tier 2 information.	2/2/2014	Under NRC Review
LAR 13-25 - Tier 1 Editorial and Consistency Changes	Revises information to correct consistency and editorial issues. This submittal does not contain any technical changes.	7/2/2013	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 13-26 - EP Rule Changes	Revision to the Emergency Plan in order to comply with regulatory changes enacted by the Nuclear Regulatory Commission (NRC) in the Final Rule. These changes include the addition of text that 1) clarifies the distance of the Emergency Operations Facility (EOF) from the site, 2) updates the content of exercise scenarios to be performed at least once each exercise cycle, and 3) requires the Evacuation Time Estimate (ETE) to be updated annually between decennial censuses.	12/17/2013	Under NRC Review
LAR 13-32 - WLS Changes	Clarifies the description of the WLS, including changing depiction of valves to be consistent with Tier 1 figure conventions, ensuring consistency between Tier 1 and Tier 2 descriptions, and clarifying the safety classification of the drain hubs.	8/30/2013	Approved on 1/8/2014
LAR 13-34 - Clarification of Tier 2* Material in HFE Documents	The proposed changes reclassify portions of the five Tier 2* Human Factors (HF) Verification & Validation (V&V) planning documents listed in Updated Final Safety Analysis Report (UFSAR) Table 1.6-1 and Chapter 18, Section 18.11.2.	3/19/2014	Under NRC Review
LAR 13-37 - VCSNS Units 2 & 3 Tech Spec Upgrade	Revises Technical Specifications to closer align with the guidance of the Technical Specifications Task Force (TSTF) Writer's Guide for Plant-Specific Improved Technical Specifications, TSTF-GG-05-01, Revision 1, and with NUREG-1431, Standard Technical Specifications - Westinghouse Plants as updated by NRC approved generic changes.	12/4/2013	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 13-38 - ACI Code Compliance with Critical Sections Higher Elevations	Withdrawn after review with NRC-see Letter NND-13-0745.	11/7/2013	Withdrawn
LAR 13-41 - Coating Thermal Conductivity	Revises Design Control Document (DCD) Tier 2 information as incorporated into the Updated Final Safety Analysis Report (UFSAR) to allow use of a new methodology to determine the effective thermal conductivity resulting from oxidation of the inorganic zinc (IOZ) used in the containment vessel coating system.	11/26/2013	Under NRC Review

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