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February 12, 2016

COPY
Posted: tod
Dept: SA
Date: 2/17/16
Time: 9:26

The Honorable Jocelyn Boyd
Chief Clerk and Administrator
Public Service Commission of South Carolina
101 Executive Center Drive
Columbia, South Carolina 29201

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 and Gas Company's (the "Company" or "SCE&G) Quarterly Report (the "Report") for the period ending December 31, 2015, related to the construction of V.C. Summer Nuclear Stations 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. 2014) 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, Docket No. 2010-376-E, 2012-203-E, and Docket No. 2015-103-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 Orders 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; Commission Order Nos. 2012-415, 2012-621 and 2012-623 issued in Docket No. 2012-203-E; and Commission Order No. 2015-215 issued in Docket No. 2015-103-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,

WOMBLE CARLYLE SANDRIDGE & RICE
A Limited Liability Partnership

Belton T. Zeigler
Partner

cc: Anthony James, Director of Nuclear Development
Shannon Bowyer Hudson, Esquire
K. Chad Burgess, Associate General Counsel

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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 December 31, 2015

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. 2014) 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. 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.

In Order No. 2015-661, dated September 10, 2015, the Commission approved updated construction and capital cost schedules for the Units. The current schedules and forecasts presented in this report are compared against those approved in Order No. 2015-661.

B. Transition as a Result of the October 2015 EPC Amendment

As discussed in the prior report, on October 27, 2015, the parties amended the Engineer, Procurement and Construction (EPC) Contract to reflect a settlement agreement that (a) resolved substantially all outstanding EPC Contract disputes; (b) released Chicago Bridge & Iron (CB&I) from membership in the Consortium; (c) set new deadlines, incentives and penalties for completion of the Units; and (d) made other changes to the terms of the EPC Contract (the "Settlement"). The Settlement also included a provision providing SCE&G with an irrevocable option, until November 1, 2016, and subject to Commission approval, to further amend the EPC Contract to fix the total amount to be paid

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to Westinghouse Electric Company, LLC (WEC) and Stone & Webster for its entire scope of work on the project (excluding a limited amount of work within the time and materials component of the contract price) after June 30, 2015. Further, the Settlement was conditional upon WEC acquiring the outstanding shares of CB&I-Stone & Webster, which was done as of December 31, 2015.

As the Settlement envisioned, WEC engaged Fluor Corporation (Fluor) as the new construction manager for the project to fill that role in place of CB&I. Fluor, however, will be a contractor to WEC and not a member of the Consortium, as CB&I was. On January 4, 2016, which was the first business day following the effective date of the Settlement, the on-site construction workforce that CB&I acquired from Shaw Group became employees of a new WEC subsidiary corporation, WECTEC. The direct craft labor personnel in that group are in the process of being hired into Fluor. A number of field engineering and other field non-manual employees will remain as WECTEC employees but will be seconded to Fluor for this project.

To aid in the transition, WEC and Fluor convened 25 work stream review teams which met during the period to evaluate key aspects of this project and the sister AP1000 construction project, the Southern Company's project to construct Vogtle Units 3 & 4. The goals of these 25 work stream review teams were to streamline processes, eliminate inefficiencies and identify means to increase the levels of productivity and accountability for key work processes. SCE&G personnel participated on multiple work teams as did personnel from Southern Company. As a result of these efforts, WEC and Fluor are moving to standardize and simplify work packages for construction activity related to the nuclear islands (NIs) for the four units, streamline the process for the transfer of equipment between suppliers and contractors, and minimize design changes being communicated to module and submodule vendors.

During the period, SCE&G initiated a new Project Management Organization (PMO) to provide direct oversight of the WEC PMO that was organized last quarter. The SCE&G PMO mirrors the structure of WEC's PMO. It is led by a SCE&G Project Manager as a single point of accountability to oversee the schedule and cost aspects of construction oversight activities of the New Nuclear Deployment (NND) group. SCE&G's PMO leadership is instituting new approaches to align and focus resources and activities to assist Fluor to better organize work at the site. It will oversee the Integrated Project Schedule (IPS), and provide project management for non-EPC Contract related construction activities.

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Fluor is in the process of updating the construction schedule for the Units to reflect the changes due to the Settlement and its review of the work streams. The activities associated with the transition, specifically achieving the anticipated improvements in efficiency and productivity, along with meeting the new construction schedule when issued, are principal focus areas for SCE&G. Schedule mitigation will be required to meet the substantial completion dates agreed to in the Settlement.

C. Structure of Report and Appendices

The current reporting period is the quarter ended December 31, 2015. 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.

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. 2015-661. For reference purposes, **Appendix 3** provides a copy of the capital cost schedule for the project as approved in Order No. 2015-661. **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.

D. Construction Schedule and Milestones

Milestones. There are 146 specific Base Load Review Act (BLRA) milestones for reporting purposes. As of December 31, 2015, 109 milestones have been completed. Of the remaining 37 milestones, 35 milestones have been delayed by eight months or less.

Construction Costs and Cost Forecasts. As of December 31, 2015, the Company has spent approximately $283 million less than it originally planned to spend as forecasted in the capital cost schedule approved in Order No. 2015-661. The present cash flow forecast indicates that the Company will be able to complete the Units for $5.5 billion in 2007 dollars.

Cost Comparisons. In Order No. 2009-104(A), the Commission recognized that forecasts of Allowance for Funds Used During Construction (AFUDC) 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 November 2015 for the period of January through June 2015 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 an increase in Gross Construction Costs of $241 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 @ 12/31/15 (Five-Year Average Escalation Rates)	Projected @ 09/30/15 (Five-Year Average Escalation Rates)	Change
Gross Construction	$7,096,778	$6,855,784	$240,994
Less: AFUDC	$291,755	$280,680	$11,075
Total Project Cash Flow	$6,805,023	$6,575,104	$229,919
Less: Escalation	$1,335,360	$1,328,466	$6,894
Capital Cost, 2007 Dollars	**$5,469,663**	**$5,246,638**	**$223,025**

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Chart B compares the current capital cost forecast to the forecast on which the Commission relied in adopting Order No. 2015-661. Chart B shows that the forecasted capital cost of the Units in 2007 dollars has increased to $5.470 billion. The cost of the plant in future dollars has increased by approximately $270 million since Order No. 2015-661 was issued.

Chart B: Reconciliation of Capital Cost ($000)

Forecast Item	Projected @ 12/31/2015 (Five-Year Average Escalation Rates)	As Forecasted and Approved In Order No. 2015-661	Change
Gross Construction	$7,096,778	$6,826,914	$269,864
Less: AFUDC	$291,755	$279,790	$11,965
Total Project Cash Flow	$6,805,023	$6,547,124	$257,899
Less: Escalation	$1,335,360	$1,300,486	$34,874
Capital Cost, 2007 Dollars	**$5,469,663**	**$5,246,638**	**$223,025**

Chart C below shows the current forecast 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 the cost of the project in 2007 dollars has increased by $935 million since the initial forecasts and the cost of the project in future dollars is approximately $784 million above the initial forecast.

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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	Order No. 2015-661	Projected @ 12/31/2015
Capital Cost, 2007 Dollars	$4.535	$4.535	$4.270	$4.548	$5.247	**$5.470**
Escalation	$1.514	$2.025	$1.261	$0.968	$1.300	**$1.335**
Total Project Cash Flow	$6.049	$6.560	$5.531	$5.517	$6.547	**$6.805**
AFUDC	$0.264	$0.316	$0.256	$0.238	$0.280	**$0.292**
Gross Construction	**$6.313**	**$6.875**	**$5.787**	**$5.755**	**$6.827**	**$7.097**

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 July 2015 update that was issued in November of 2015 and reports data for the period January to June 2015. Those rates are reflected in this report. The approved capital cost targets have been adjusted to reflect the currently reported historical escalation rates.

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**.

Chart D: Handy-Whitman Escalation Rates

Escalation Rate Comparison		
	Jul-Dec 2014	**Jan-June 2015**
HW All Steam Index:		
One-Year Rate	**3.17%**	**3.27%**
Five-Year Average	**2.94%**	**2.90%**
Ten-Year Average	**4.08%**	**4.11%**
HW All Steam/Nuclear Index:		
One-Year Rate	**3.17%**	**3.44%**
Five-Year Average	**2.95%**	**2.97%**
Ten-Year Average	**4.10%**	**4.15%**
HW All Transmission Plant Index:		
One-Year Rate	**2.52%**	**1.66%**
Five-Year Average	**1.88%**	**1.94%**
Ten-Year Average	**3.81%**	**3.59%**

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 5.49%, compared to the rate of 5.68% that applied when Order No. 2015-661 was issued.

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. 2015-661. 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 2014 have been updated to reflect actual escalation rates. The cash flow targets for the first quarter of 2015 and beyond have been updated based on the most recently available

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inflation indices, which for purposes of this report, are the indices provided in November 2015 that report data for the period January through June 2015. When final actual indices for 2015 become available, the cash flow data for 2015 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.

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. While certain aspects of the work present challenges to the completion schedule, overall progress continues with approximately 3,700 WEC personnel and subcontractor workers on site daily. A majority of these jobs are held by South Carolina residents.

Shield Building construction remains a principal focus area for SCE&G's oversight of the project. The primary critical path for both Unit 2 and Unit 3 runs through the placement of concrete within the Containment Vessels (CVs), the fabrication of the Shield Building panels supplied by Newport News Industrial (NNI), the fabrication of the Air Inlet and Tension Rings and the completion of Shield Building construction. For Unit 3, the critical path also runs through the setting of CA20 which is a prerequisite to concrete placement in certain areas of the NI. Plans to accelerate the work needed to permit placing this concrete are underway.

The secondary critical path for Unit 3 construction includes the successful assembly and setting in place of the CA01 modules, and the secondary critical paths for both Units includes the construction of the Annex Buildings to support energizing of the Units for systems testing.

As discussed below, WEC and NNI have reached agreement on a mitigation plan to accelerate Shield Building panel fabrication. In addition, WEC is de-scoping much of the submodule and mechanical modules work initially assigned to CB&I-LC and CB&I- Island Park including fabrication of the Tension Ring and Air Inlet components of the Shield Buildings. WEC is preparing a revised critical path for the project to reflect current schedule information and mitigation plans. Additional mitigation will be required in critical path areas to bring the current Integrated Construction Plan (ICP) into compliance with the substantial completion dates.

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Labor productivity improvement continues to be an important focus area for the project. WEC and Fluor are working on a plan to increase productivity as direct responsibility for on-site construction shifts to Fluor.

1. Unit 2 Inside-Containment Vessel (CV) Construction

During the period, Layer 5 West concrete was set within the Unit 2 CV. Preparations are being completed to place Layers 5 and 6 East. This concrete work is in preparation for setting Modules CA02 and CA03 in the CV. Module CA02 forms part of the in-containment refueling water storage tank and pressurizer cubicle wall and is substantially complete. Module CA03 is the back wall of the in-containment refueling water storage tank and is in active fabrication. Mechanical Modules KQ10 and KQ11 were installed in the Reactor Coolant Drain Tank room.

Realignment of the section of the north wall of Unit 2 CA20 that had lost alignment during lifting is complete. Documentation closure work is being prepared to support the placement of concrete within walls of Unit 2 Module CA20.

2. Unit 2 Containment Vessel (CV)

Welding of attachment plates for the Unit 2 CV Ring 2 is complete. Final completion of that ring has been impacted by delays in the delivery of platforms to support equipment and walkways. These platforms must be welded onto the ring before it is lifted and set in place and are being fabricated off-site by Paxton & Vierling Steel Company of Carter Lake, Iowa.

The welding of the panels comprising Unit 2 CV Ring 3 is complete and work is proceeding on welding fittings and attachment plates. Welding and assembly of the Unit 2 CV Top Head, which closes the top of the CV, is approximately 75% complete. Acceptance rates based on the Radiographic Testing (RT) of welds on the Units 2 and 3 CV Rings and Top Head remain above 99%.

3. Unit 2 Shield Building Construction

There are 16 Shield Building Course sections. Concrete has been placed into the panels forming vertical Course 1 of the Unit 2 Shield Building. Unit 2 Shield Building Course 2 panels have been set in place and welded together. Preparations are being made to place concrete inside Unit 2 Shield Building Course 2. Courses 3-6 are fabricated and staged for lifting. Fabrication is underway for Course 7. On-site welding of panels and other fabrication work is currently outstripping the pace of panel deliveries from NNI production.

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4. Unit 2 Annex Building

During the period, three of the four mudmats required for the Unit 2 Annex Building were placed.

5. Unit 2 Auxiliary Building

During the period, five equipment and piping modules were installed in the Unit 2 Auxiliary Building: KB04, KB14, KB15, KB16, and R155. On-site fabrication of equipment modules KB23, KB27, KB28, and KB37 was completed and those modules are ready for placement in the Unit 2 Auxiliary Building.

LAR30 has been submitted to the NRC to resolve issues related to securing the steam and feed water piping penetrations in Wall 11 of the Auxiliary Building from possible tornado damage. The LAR proposes adding new barriers to penetration while taking into account the protective effects of certain existing walls that were not considered in prior evaluations.

6. Unit 2 Turbine Building

Concrete for the Unit 2 Turbine Pedestal has been placed and the pedestal is being prepared for the erection of structural steel. The Turbine Pedestal concrete placement required a continuous pour of 2,357 yards of concrete. In addition, structural steel is being bolted up and welded for Bay No. 1 of the Unit 2 Turbine Building. Placement of structural steel, decking, and stairways for other parts of the Unit 2 Turbine Building continues.

7. Unit 3 Nuclear Island (NI)

The second layer of concrete within the Unit 3 NI, Layer 1A, was placed within the Unit 3 CV during the period. Preparations were being made to pour Layer 2 in the first quarter of 2016. On-site fabrication of Unit 3 Module CA05 is complete. This module will be set in the NI when the Layer 2 concrete is placed and finished. In addition, the placement of concrete for three battery room floors and several exterior walls for the Unit 3 NI were successfully completed.

8. Unit 3 Containment Vessel (CV) Fabrication

Fabrication of the Unit 3 CV is complete apart from the Top Head. Fabrication of the Unit 3 CV Top Head is approximately 65% complete.

9. Unit 3 Auxiliary Building

During the period, concrete was placed for several exterior walls of the Unit 3 Auxiliary Building.

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10. Unit 3 Turbine Building

Staging, erection and bolt-up of Structural Steel Module CH81A for the Unit 3 Turbine Building continue. Welding of the Unit 3 Lower Condenser internals continues outside the Turbine Building footprint.

11. Cooling Towers

Cooling Towers 2A, 3A and 3B are substantially complete. Cooling Tower 2B is 70% complete. Concrete was placed for the floor slabs and walls for the Unit 2 and Unit 3 Pump Basins and circulating water pipe connections were made.

12. Unit 2 High-Side of Switchyard

The Unit 2 reserve auxiliary transformer, main step-up transformers, and exciter transformers were installed in their bays in the Unit 2 High-Side of Switchyard. In all, eight of ten transformers were installed in the Unit 2 High-Side of Switchyard.

13. Unit 2-3 Switchyard

During the period, preparations were underway to install replacements for all capacitors for the Unit 2-3 Switchyard in response to past failures. Replacement capacitors are of a different design and capability and are an interim solution to reliably restore the capability of the switchyard to meet current system load demands. Work continues on completing root cause determination. Upon completion of the root cause actions will be taken to implement a final solution intended to restore the switchyards capability to "as designed" for unit 2/3 operation.

14. Offsite Water System (OWS)

The OWS is substantially complete and start-up testing and punch list repairs are proceeding.

B. Equipment and Fabrication

Approximately 85% of the Unit 2 major equipment and 77% of Unit 3 major equipment have been delivered to the site. This amounts to approximately 80% of all major equipment for the project.

1. Unit 3 Reactor Vessel

At the close of the period, the Unit 3 Reactor Vessel Closure Head was in the Port of Charleston being prepared for shipment.

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2. Steam Generators

Steam Generator 3A successfully completed hydrostatic testing. The Reactor Coolant Pump (RCP) casing is now being welded to Steam Generator 3A. The welding of the RCP casing to the Unit 3 Steam Generator 3B RCP has been successfully completed. These activities are taking place at Doosan in South Korea.

3. Reactor Coolant Pumps (RCPs)

All design and testing issues have been resolved with the RCPs. Fabrication is on-going, and the current delivery schedule supports the project's construction need dates.

4. Passive Residual Heat Removal (PRHR) Heat Exchangers

Supplemental Restraint Bars are being installed in the Unit 2 and Unit 3 PRHR Heat Exchangers at Mangiarotti's facilities in Italy. Work activities are on hold pending resolution of a Stop Work order issued by Mangiarotti arising out of matters not directly related to this project. Mangiarotti is evaluating whether any impacts to the AP1000 components might have occurred. This evaluation is being conducted under WEC supervision.

5. Reactor Coolant Loop (RCL) Piping

Unit 3 Hot Leg and Cold Leg segments were delivered to site during the period.

6. Squib Valves

All manufacturing of Unit 2 and Unit 3 Squib Valve parts has been completed. All outstanding design, licensing and testing issues related to Squib Valves have been resolved. Squib Valve assembly is proceeding in support of the current construction schedule.

7. Transformers

The Unit 3 Step-Up Transformers were delivered to the site during the period. The Unit 3 transformers were dedicated to Unit 2 so that they could be installed directly in the Unit 2 transformer bays when they arrived on the site. The Unit 2 transformers are in storage on site and will be installed in the Unit 3 transformer bays when those transformer bays are completed.

8. Information Technology

Site Fiber Optic System. Additional runs of fiber are being installed to meet location-specific requests as site development progresses.

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Handover and Turnover of Proprietary Information. During the period, WEC/CB&I continued to reassess their approach to the handover and turnover of proprietary information to SCE&G. SCE&G continued working independently to prepare for handover and turnover of information in the absence of input from WEC or CB&I.

The acquisition of CB&I-Stone & Webster by WEC is anticipated to simplify handover and turnover process by eliminating the exchange of information between CB&I and WEC as part of the process. Commercial issues related to handover and turnover requirements were not resolved in the recent EPC Contract revision. However, WEC has begun to take steps toward a resolution of those issues in light of the improved commercial posture of the project.

Prior the acquisition of CB&I Stone & Webster, WEC had decided to use SCE&G's work management system (WMS) for lock out/tag out and other functions during pre-operational systems testing and turnover of the Units. Post-acquisition, WEC is considering using its own WMS system for this purpose. The use of two systems is expected to increase IT support requirements related to turnover and handover.

Configuration Management Information System (CMIS). During the period, SCE&G's engineering group completed the initial design for receipt of engineering documents from WEC and their configuration for integration into the CMIS. This design is being reviewed and evaluated in preparation for integration into the CMIS.

SCE&G's engineering group completed a design for integrating the Master Equipment List (MEL) into the CMIS to support the Computerized Maintenance Management System (CMMS) which will be the principal work management system for maintenance of the Units. The preliminary configuration of the CMIS to support that design began during the period.

Work Management System (WMS). During the period, SCE&G continued integrated testing of the major software modules for the WMS. As module testing progresses, issues related to the performance of system software and hardware are being identified and addressed.

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9. Module and Shield Building Panel Fabrication and Assembly

Challenges related to fabrication of submodules continue to be a focus area of the project.

Module Production Schedule. As indicated in Section II.A, the fabrication and delivery of Shield Building panels and structural submodules for the Unit 3 CA01 module are critical path items for the project. Accordingly, production of these panels and submodules, and other structural and mechanical modules, remains a very important focus area for the project. SCE&G maintains a presence on site at CB&I-LC to monitor activities there and interact with CB&I-LC leadership on a regular basis. In addition to its other Quality Assurance/Quality Control (QA/QC) resources, SCE&G also maintains an inspector on site at NNI and Oregon Iron Works/Greenberry. (Oregon Iron Works was acquired by Vigor during the period.) During the period, the inspector was withdrawn from MetalTek-SMCI Division (SMCI) due to de-scoping of work. An inspector was added at Paxton & Vierling where platforms for the interior of the CV are being fabricated.

Design changes continue to be communicated by WEC to submodule fabrication vendors. The work of incorporating these changes into the fabrication process continues to delay submodule production. This is an area that WEC and Fluor intend to address going forward.

As discussed in Section II.A above, mitigation is required for NNI's production of Shield Building panels to support the current construction schedule. WEC/CB&I and NNI have developed a mitigation strategy to increase the rate of Shield Building panel production by increasing the fabrication capabilities at the NNI site. The contractual terms for the mitigation plan have been negotiated between WEC and NNI and a contract implementing those terms has been executed. Based on this progress in reaching an agreement on a mitigation plan, a schedule for the fabrication of critical construction-need panels has been produced which helps to maintain the critical path schedule. The remaining schedule for the additional panels is expected to be complete next quarter.

Unit 2 Modules and Submodules. Fabrication of the Unit 2 CA03 module is approximately 70% complete. A total of 15 of the 17 panels or panel kits comprising the Unit 2 CA03 module are on site. Of these, ten panels have been upended and placed on the platen for welding. Two additional panels are ready for upending. Parts for three panels were received as kits and are in fabrication on site. The remaining two submodule panels are nearing completion at the CB&I-LC facility.

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Unit 2 and Unit 3 Air Inlet and Tension Rings. During the period, the decision was made to de-scope the fabrication of the Tension Ring and Air Inlet components of the Shield Buildings from CB&I-LC. Three potential vendors have been identified for the work. WEC is engaged in a selection process with these three potential vendors.

Unit 3 Modules and Submodules. The fabrication of the Unit 3 CA05 module was completed during the period and the module is available to be set when the foundation is placed and prepared in the Unit 3 NI.

Work continues on the Unit 3 CA20 submodules at Oregon Iron Works (now Vigor as a result of the acquisition) and CB&I-LC facilities. Sixty of 72 submodules for Unit 3 Module CA20 have been received on site, and of them, 18 have been upended and set in place in the Module Assembly Building (MAB) for welding and fabrication. Two of the four subassemblies for Unit 3 Module CA20 are approximately 80% complete.

Ten of 47 submodules for the Unit 3 Module CA01 have been received on site from the Toshiba & IHI Corporation facilities in Japan. Three of these submodules have been upended and set in place in the MAB for welding and fabrication.

The production schedule to date of Unit 3 CA01 and CA20 submodules by Toshiba, IHI Corporation, Vigor and CB&I-LC does not support the construction schedule for the Units. WEC continues to formulate plans with these vendors to mitigate these potential schedule delays.

Mechanical Modules. During the period, production of mechanical modules at the CB&I-Island Park facilities in Beaumont, Texas was de-scoped and sent back to CB&I-LC. In addition, work on six mechanical modules for Unit 2 and thirteen for Unit 3 were de-scoped from CB&I-LC and the materials and parts are being shipped to Jenkinsville for fabrication on site.

Shield Building. One hundred of the 167 panels which will comprise the steel walls of the Unit 2 Shield Building have been received on site from NNI. Thirty of the Unit 3 Shield Building panels are on site.

Conclusion. Senior management from both SCE&G and WEC continue to monitor the fabrication and delivery process related to submodules and panels. SCE&G maintains permanent resident inspectors at the CB&I-LC facility, the Paxton & Vierling facility, and the NNI facility. The Oregon Iron Works (Vigor) and Greenberry facilities share a permanent resident inspector. The fabrication of the submodules continues to be an important area of focus for the project.

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C. Quality Assurance (QA) and Quality Control (QC)

1. Overview

SCE&G's Quality Systems (QS) group continues to focus on the effective implementation of Quality Assurance Program (QAP) requirements by structural and mechanical module suppliers to the project. As part of this effort, SCE&G has continued its focus on CB&I's surveillance and audit activity at Cives, a supplier of commercial grade steel plate and other steel products used in the project, and CB&I-Laurens, which fabricates the bundles of piping (pipe spools) that are used in the production of submodules and mechanical modules. SCE&G also participated in the WEC/Fluor transition team review and assessment activities related to the QA\QC program for the project.

2. Witness and Hold Point Oversight

SCE&G observed witness and hold points at EMD Curtiss Wright in Cheswick, PA associated with fabrication of the RCP. No significant findings were issued.

SCE&G personnel observed final Non-Destructive Examination (NDE) and packaging of the RCL Piping at Carolina Energy Solutions. No significant findings were issued.

SCE&G personnel conducted witness and hold point activity on the Unit 3 Steam Generator at Doosan Heavy Industries in South Korea These activities consisted of Inspections, Tests, Analyses and Acceptance Criteria (ITAAC)-related hydrostatic testing and NDE of the Steam Generator. No significant findings were issued.

3. Audits and Surveillance of CB&I Suppliers

SCE&G personnel participated in CB&I surveillance of CB&I-LC. The scope of the surveillance included the programs associated with Commercial Grade Dedication (CGD), welding, nonconformance control and corrective action. No significant findings were issued.

4. Cives Oversight

SCE&G personnel continued oversight activities of Cives due to issues with Cives' sub-suppliers not properly submitting CGD packages as required by the purchase order with CB&I. During this period, SCE&G personnel observed a CB&I surveillance of Cives. The purpose of the surveillance was to confirm that the procurement documents issued by CB&I to Cives included appropriate technical and quality requirements. No significant findings were issued related to the Cives'

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procurement documents but SCE&G did issue a minor finding to CB&I related to deficiencies in the quality of CB&I's planning for the surveillance activities.

5. CB&I-Laurens

During the period, SCE&G personnel continued oversight activities at the CB&I-Laurens pipe spool production facility. SCE&G personnel participated in a surveillance and a First Article Survey (FAS) at the facility. A FAS provides a comprehensive review of all aspects of the procurement and fabrication process for a component to verify that all quality and technical requirements have been met prior to shipment. The purpose of the surveillance was to review previously identified findings for closure. The surveillance resulted in the closure of the findings and no new findings were issued. The FAS concluded that the CB&I Laurens' processes are capable of producing products of the necessary quality that conform to the procurement documents.

6. Storage, Preventive Maintenance and Preservation of Equipment

SCE&G personnel conducted oversight of on-site storage, preventive maintenance and preservation of components by CB&I. SCE&G observed performance of a CB&I Quality Assurance surveillance of the implementation of CB&I's recently issued procedure for material handling. As a result of the CB&I surveillance, several Corrective Action Reports (CARs) were issued related to inadequate implementation of this procedure. In addition, CB&I is conducting an effectiveness review of the corrective actions generated from a previous Root Cause Analysis on storage of components.

7. On-Site Field Observations

SCE&G personnel conducted 21 surveillances of site activities. These surveillances were observations of fabrication, welding and NDE activities on sub-modules, the Units 2 and 3 Containment Vessel, and Shield Building construction. In addition, observations were conducted of Preventive Maintenance (PM) activities on a major component.

SCE&G also continues to monitor activities targeted towards improving welding documentation packages for on-site work. Improvements have been noted during the period.

8. Other On-Site Surveillance Activities

SCE&G personnel conducted surveillance on an Apparent Cause Analysis concerning the failure of CB&I to review and approve the Cives' commercial dedications plans as required. No significant issues were noted.

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9. SCE&G Audit of CB&I Power

During the period, SCE&G conducted an on-site audit of CB&I's QA program. The purpose of the audit was to verify that CB&I is effectively implementing applicable QA program requirements during fabrication and construction of the Units. No significant findings were issued.

10. Software Quality Assurance

SCE&G personnel conducted a surveillance of computer software used by CB&I for cable sizing and installation. The purpose of the surveillance was to verify that CB&I's QA procedure for software controls is appropriately implemented. No significant findings were issued as a result of the surveillance.

11. WEC/ Fluor Transition

As part of the WEC/Fluor transition process, SCE&G personnel participated on the work stream development team for Environmental Health & Safety/IT/QA. This participation was a collaborative effort with Southern Company to provide a thorough review of the effectiveness and efficiency of the work stream in preparation for its transfer to Fluor. The focus was to ensure the site was ready for Day One (post-closing) activities from a quality perspective.

D. Licensing and Permitting and Regulatory Proceedings

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, through the EPC Contract, is responsible to SCE&G for making sure that these requirements are met.

1. NRC Inspections

During the period, the NRC Resident Inspectors issued its Third Quarter, 2015 Integrated Inspection Report. No findings were identified. During the period, the NRC conducted a Containment Vessel ITAAC Inspection and a Quality Assurance Implementation Inspection. There were no findings associated with these inspections.

2. License Amendment Requests (LARs)

During the period, SCE&G filed seven new LARs with the NRC. The NRC has granted a total of 42 LARs. Five LARs were granted during the reporting period. Eighteen LARs were pending on December 31, 2015. For ease of reference, a report that tabulates all the LARs submitted by SCE&G to the NRC as of December 31, 2015, is attached as Appendix 5.

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

During this period, SCE&G submitted eight ITAAC Closure Notifications to the NRC. Of the 35 submitted ITAAC Closure Notifications, 34 have been verified complete and one is under review by the NRC.

4. Major Construction Permits

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

E. Engineering

1. Engineering Completion Status

As of December 31, 2015, the Units 2 and 3 plant design packages issued for construction (IFC) are 95% complete. Delivery of design documents for construction continues to be a focus area for SCE&G.

2. Site Specific Design Activities

Site specific design work is 95% complete. Design work during the period was associated with support of the following site specific systems: Circulating Water System, Power Distribution Center, which is part of the Main AC Power System, Uninterruptible Power Supply, Raw Water System (RWS), OWS, Service Building, and High-Side of Switchyard.

F. Training

1. Certification of the Plant Simulators as Nuclear Regulatory Commission (NRC) -Approved Simulators (CASs)

SCE&G and WEC are pursuing a dual strategy to provide an NRC-approved plant simulator for conducting reactor operator licensing exams. One part of that strategy involves SCE&G requesting that the NRC approve the plant simulator as a Commission Approved Simulator (CAS). Approval of the plant simulator as a CAS allows it to be used for operator training and limited licensing purposes. SCE&G filed the request for the NRC to approve the plant simulator as a CAS during the prior period.

During the period, WEC completed compiling the results of the Integrated System Validation (ISV) tests on the plant simulator. Those tests identified a number of substantive changes that were required to the plant simulator software, as well as a number of areas where no action was required upon full analysis of initial indications.

During the prior period, the NRC staff issued a Request for Additional Information (RAI) in support of the Safety Evaluation Report (SER) that staff is preparing as a part of the CAS certification process. The RAI requested information identifying which of the issues or indications arising from the ISV testing data would require substantive changes to the plant simulator software. If substantive changes were required, the RAI requested information on the plan for implementing those changes. Initial guidance indicated that the NRC would proceed with its evaluation of the CAS certification request based on the answers to these questions.

The RAI responses were filed during the period. However, the earlier guidance proved not to be accurate. The NRC is requiring RAI responses documenting that all required substantive changes to the simulator have been successfully made before processing of the CAS certification can proceed.

During the period, WEC provided SCE&G with two sets of software revisions which include the substantive changes required to be made to the simulator software as a result of the ISV testing. Installing those changes will require SCE&G to take the plant simulator off line for a significant period of time. This cannot be done until the current Initial Licensed Operator (ILO) class has finished its simulator training without disrupting the ILO training schedule. Accordingly, consideration of the CAS certification request will be delayed until the ILO class is completed, the simulator software changes are implemented, and RAI responses documenting that fact are accepted by the NRC.

2. Certification of the Plant Simulators as Plant Reference Simulators (PRSs)

A second part of the strategy to obtain an NRC-approved plant simulator to support reactor operator licensing involves approving the plant simulators as PRSs. Approval as PRSs will allow the plant simulators to be used to support training and licensing activities in the near term and to support fuel loading and operation of the Units as they are completed.

Discussions continue among Southern Nuclear Company (SNC), SCE&G, WEC and the NRC to develop a strategy to accomplish delivery of PRSs as soon as possible after resolution of the ISV items is reached. Currently, resolution is projected for the second quarter of 2018, which does not support operator licensing timelines. The parties are evaluating whether it would be possible to achieve earlier PRS certification by certifying the current version of the plant simulator, which is

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Baseline 7, rather than seeking certification based on Baseline 8 or other subsequent versions of the simulators. Certifying Baseline 7 could accelerate the approval process and allow the plant simulator to be used for operator licensing sooner.

3. Initial Licensed Operator (ILO) Training

Current NRC regulations allow only a 30 day gap between written and simulator portions of the licensing exam. It is not known when an approved plant simulator will be available for the simulator portion of the exam. As a result, SCE&G has requested the NRC to waive this requirement in reliance on the continuing training programs for successful candidates. The NRC is evaluating this request.

Current plans are to conduct an NRC written exam for the second ILO class in April 2016, and then administer a simulator operating exam to both the first and second ILO classes in September 2016. This plan is contingent on progress in obtaining approval of a plant simulator to be used in the simulator portion of the exam and a favorable NRC decision on the waiver of the 30 day requirement as to the first ILO class.

A third ILO class currently is scheduled to take the NRC written and simulator exam in the fourth quarter of 2017.

4. Maintenance and Technical (M&T) Staff Training

During the period, trainees in the M&T programs completed the initial training sessions for their Tier 2 discipline-specific training.

It is anticipated that the Institute of Nuclear Power Operations (INPO) Initial Accreditation for the M&T program Accreditation Team Visit (ATV) will take place in the fourth quarter of 2016.

The schedule for development of maintenance training material continues to be a challenge and is threatening the current Tier 3 (AP 1000-specific training) schedule for maintenance and technical staff. In response, SCE&G has committed supplemental personnel and resources to improve the rate of training material development.

G. Operational Readiness

1. Mission Critical Hiring

For 2015, SCE&G identified 35 mission critical hires. This goal was met.

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2. Collaborative Equipment Reliability (ER) Program

Phase I of the collaborative project with SNC to classify structures, systems and components and to establish maintenance strategies for the AP1000 was completed in November 2015. Phase 2 of the project will begin in early 2016 to finalize the component classification, Maintenance Rule, Preventative Maintenance strategies, and Functional Equipment group assignments. This project is expected to be complete by the end of 2016. Additional collaboration areas with SNC are being pursued to leverage resources.

3. Master Equipment List (MEL)/Component Labeling

The MEL is a list that identifies the attributes for assets which are permanent plant equipment used in the Units. During the period, additional meetings were held with WEC to develop a common definition of MEL components and properties. Progress on component labeling was delayed due to acquisition of CB&I-Stone & Webster by WEC.

H. Change Control/Owners' Cost Forecast

During this period, the October 2015 EPC Amendment was executed. This amendment resolved most of the change orders previously reported to include: Plant Layout Security Phase 1 and 2; Cyber Security Upgrades; Change Order No. 16 (delay in receiving the combined operating licenses, Shield Building redesign, module redesign, and Unit 2 rock conditions); Change Order No. 17 (equipment required to be installed in the OWS for the removal of bromide from raw water during treatment, the transfer of certain CB&I start-up construction support, Time & Material scopes of work and associated dollars to the Target and Firm price categories, and other miscellaneous items); Shield Building Mitigation; Ovation Instrumentation and Control (I&C) Maintenance Training Systems; Warehouse Fire Safety; and Patient Protection and Affordable Care Act (ACA) impacts for 2014.

Further, change orders relating to the Plant Layout Security Phase 3 and future years' impacts for the Corrective Action Program Interface (CAP-I), ITAAC Maintenance and the ACA are anticipated. Cyber Security, while resolved by the October 2015 EPC Amendment, will be a no-cost change order. Disputed change orders will now go to a Dispute Resolution Board.

Finally, the October 2015 EPC Amendment also resolved a majority of the open Notices of Change from the Consortium. There is no new Notice of Change to report during this period.

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I. Transmission

1. The VCS2-St. George 230 kV Line No. 1 and the VCS2-St. George 230 kV Line No. 2

During the period, construction was completed for both the VCS2-St. George 230 kV Lines No. 1 and No. 2 lines in the Dixiana area moving south toward Gaston which is approximately a 6.5 mile segment. Also during the period, construction activities began for the line segments between Gaston and Orangeburg. These activities included installation of construction access and erosion control measures in preparation for pole deliveries and removal of the existing line in the first quarter of 2016.

2. St. George Switching Station

During the period, two 230 kV lines were pulled in and connected to the station. The Critical Infrastructure Protection (CIP) hut was installed with back-up generator. All connecting conduit was completed, all control cable was pulled, and the relay panels were tested. All secondary wiring was completed for the power circuit breakers, potential transformers, and power pot transformers. Station security lighting was installed and 85% of the station gravel was spread. The station remains on schedule for a completion date of June 2016.

3. Canadys-Sumter 230 kV line

During the period, construction activities continued on the rebuilding of the Canadys to St. George segment of the Canadys-Sumter 230 kV line to increase the capacity of the line. This segment consists of approximately 10.5 miles and will fold into the new St. George Switching Station. Construction activities during the quarter included installation of approximately 80% of the vibratory caissons and steel poles. The scheduled completion date is mid-2016.

4. Wateree-St. George-Williams 230 kV line

During the period, construction activities continued on the rebuilding of the St. George to Summerville segment of the Wateree-St. George-Williams 230 kV line to increase the capacity of the line. This segment consists of approximately 30.5 miles and will fold into the new St. George Switching Station. Construction activities during the quarter included continued installation of access roads, protective mats in wetlands areas, and other construction access facilities. Delivery of vibratory caissons and poles began, and they are being staged in preparation for installation. The scheduled completion date is late 2017.

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III. Anticipated Construction Schedules

Until revised by the Commission, the milestone schedule approved in Order No. 2015-661 continues to be the operative milestone dates for reporting on the project. By the close of this period, 109 of the 146 milestones for reporting purposes are complete. Of the remaining 37 milestones, 35 have been delayed eight months or less compared to the schedule for the project as approved in Order No. 2015-661. None are outside of approved schedule contingencies.

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. 2015-661.

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. 2015-661. 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.

A. Capital Costs

Appendix 2 shows the Cumulative Project Cash Flow target as approved in Order No. 2015-661 and as updated for escalation and other Commission-approved adjustments under the heading **"Per Order 2015-661 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 December 2015 plus Projected."**

As shown on **Appendix 2,** the expenditure for the project for the 12 months ending December 31, 2015, is approximately $656 million. As shown on **Appendix 2,** line 39, the cumulative amount spent on the project as of December 31, 2015, is approximately $3.479 billion. As shown on **Appendix 2,** line 18, the Cumulative Project Cash Flow target approved by the Commission for year-end 2015 adjusted for current escalation is approximately $3.778 billion. As a result, the cumulative cash flow at year-end 2015 is approximately $299 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. 2015-661. **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 in **Appendix 3** is the AFUDC forecast that was current at the time of Order No. 2015-661.

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.

V. Updated Schedule of Anticipated Capital Costs

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

VI. Conclusion

Under the Settlement, the scheduled completion dates for Units 2 and 3 are August 31, 2019 and 2020 respectively. The total project capital cost is now estimated at approximately $5.5 billion (SCE&G's portion in 2007 dollars) or $7.1 billion including escalation and AFUDC (SCE&G's portion in future dollars).

The Company maintains a staff that monitors the work of its contractors and continues to monitor closely areas of concern related to the cost and schedule for the project. SCE&G continues to work diligently to ensure that the project is completed safely, that substantial completion dates are met, and that all costs are reasonable. The Company will continue to update the Commission and the ORS of progress and concerns as the project proceeds.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
ACA	Affordable Care Act.
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.
ATV	Accreditation Team Visit- performed by the INPO.
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.
CAP-I	Corrective Action Program Interface.
CAR	A Corrective Action Report related to design, engineering or construction of the Units, or related processes, that must be corrected.
CAS	Commission(NRC)-Approved Simulators.
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 on site under contract with Westinghouse.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
CES	Carolina Energy Solutions, a subcontractor located in Rock Hill, South Carolina.
CGD	Commercial Grade Dedication.
CIP	Critical Infrastructure Protection.
CMIS	Configuration Management Information System.
CMMS	Computerized Maintenance Management System.
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 Stone & Webster 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.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
CWS	The Circulating Water System –the system that will transport waste heat from the turbines to the cooling towers.
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.
ECoE	WEC's Engineering Center of Excellence.
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.
ER	Equipment Reliability.
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.
FAS	First Article Survey.
FERC	The Federal Energy Regulatory Commission.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
Fixed/Firm	Prices under the EPC Contract which are either fixed or are firm but subject to defined escalation rates.
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.
I&C	Instrumentation and Control.
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).
ICP	Integrated Construction Plan.
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.
ISV	Integrated Systems Validation.

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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.
LSA	Limited Scope Audit.
LSS	Limited Scope Simulator –a training simulator with limited functionality that can be used for the initial stages of operator training.
M&T	Maintenance and Technical.
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.
MEL	Master Equipment List – a list that identifies the attributes for assets which are permanent plant equipment used in the plant.
MTS	Maintenance Training Skid.
NCV	Non-Cited Violations.
NDE	Non-Destructive Examination.
NEI	Nuclear Energy Institute.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
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 Industrial - a module fabrication subcontractor to WEC/CB&I.
NON	Notice of Non-conformance.
NPDES	National Pollutant Discharge Elimination System.
NRC	The United States Nuclear Regulatory Commission.
NUPIC	Nuclear Procurement Issues Committee--An international association of nuclear utilities that conducts independent audits of companies involved in the nuclear supply chain.
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.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
Pike	Pike Energy Solutions, a contractor for transmission and switchyard related work.
PM	Preventative Maintenance.
PMO	Project Management Organization.
PO	Purchase Order.
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.
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.
QAP	Quality Assurance Program.
QA/QC	Quality Assurance/Quality Control.
QC	Quality Control – The observation techniques and activities used to fulfill requirements for quality.
QMS	Quality Management System.
QS	Quality Systems.
RAI	Requests for Additional Information issued by the NRC staff to license applicants.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
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.
RC/SC	Reinforced Concrete to Steel Component.
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.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
SCPSC	The Public Service Commission of South Carolina.
SDS	Simulator Development System.
SER	Safety Evaluation Report--a report submitted to the NRC.
SMCI	MetalTek-SMCI Division.
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.
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.
UPS	Uninterruptible Power Supply.
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.

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ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
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.
WMS	Work Management System.
WRS	Waste Drain System.
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 December 31, 2015

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. 2015-661. **Appendix 1** provides columns with the following information:

1. Milestone tracking ID number.
2. The description of the milestone as updated in Order No. 2015-661.
3. The BLRA milestone date as approved by the Commission in Order No. 2015-661.
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. 2015-661. This movement is shown for only the milestones that have not been completed.

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 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	
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	

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. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
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	
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	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
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	
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	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
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	
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	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
66	Steam Generator Fabricator Notice to Contractor of Receipt of 1st Steam Generator Tubing - Unit 2	Complete		9/28/2010		No	
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	Complete		5/3/2014		No	
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	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
83	Set Containment Vessel ring #1 for Unit 2	Complete		6/3/2014		No	
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	12/28/2015	5/21/2016		+5 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
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	
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	Complete		11/13/2014		No	
93	Integrated Head Package - Shipment of Equipment to Site - Unit 2	Complete		5/9/2014		No	
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	Complete		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	7/18/2016	2/8/2017		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
98	Passive Residual Heat Removal Heat Exchanger - Delivery of Equipment to Port of Entry - Unit 2	Complete		4/25/2014		No	
99	Refueling Machine Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 2	Complete		1/8/2015		No	
100	Deliver Reactor Vessel Internals to Port of Export - Unit 2	7/30/2015	2/20/2016		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
101	Set Unit 2 Containment Vessel #3	8/23/2016	10/13/2016		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
102	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 2	Complete		1/16/2015		No	
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	Complete		3/28/2015		No	
105	Polar Crane - Shipment of Equipment to Site - Unit 2	12/31/2015	1/18/2016		+1 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
106	Receive Unit 2 Reactor Vessel on site from fabricator	Complete		7/31/2013		No	
107	Set Unit 2 Reactor Vessel	8/9/2016	11/23/2016		+3 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
108	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Channel Head to Tubesheet Assembly Welding - Unit 3	Complete		4/24/2015		No	
109	Reactor Coolant Pump Fabricator Notice to Contractor of Final Stator Assembly Completion - Unit 3	10/30/2015	6/30/2016		+8 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
110	Reactor Coolant Pump - Shipment of Equipment to Site (2 Reactor Coolant Pumps) - Unit 2	5/30/2016	6/30/2016		+1 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
111	Place first nuclear concrete for Unit 3	Complete		11/2/2013		No	
112	Set Unit 2 Steam Generator	10/10/2016	3/8/2017		+5 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
113	Main Transformers Ready to Ship - Unit 2	Complete		7/31/2013		No	
114	Complete Unit 3 Steam Generator Hydrotest at fabricator	Complete		8/21/2015		No	
115	Set Unit 2 Containment Vessel Bottom Head on basemat legs	Complete		5/22/2013		No	
116	Set Unit 2 Pressurizer Vessel	8/23/2016	4/20/2017		+8 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
117	Reactor Coolant Pump Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 3	1/31/2017	1/31/2017		0	No	
118	Deliver Reactor Vessel Internals to Port of Export - Unit 3	12/31/2016	7/31/2017		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
119	Main Transformers Fabricator Issue PO for Material - Unit 3	Complete		1/15/2015		No	
120	Complete welding of Unit 2 Passive Residual Heat Removal System piping	1/16/2017	5/10/2017		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
121	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 3	1/30/2016	5/1/2016		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
122	Refueling Machine - Shipment of Equipment to Site - Unit 3	3/27/2016	8/10/2016		+5 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
123	Set Unit 2 Polar Crane	12/19/2016	7/14/2017		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
124	Reactor Coolant Pumps - Shipment of Equipment to Site - Unit 3	4/30/2017	4/28/2017		0	No	
125	Main Transformers Ready to Ship - Unit 3	Complete		7/29/2015		No	
126	Spent Fuel Storage Rack - Shipment of Last Rack Module - Unit 3	Complete		9/3/2015		No	

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Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
127	Start electrical cable pulling in Unit 2 Auxiliary Building	11/29/2016	1/26/2017		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
128	Complete Unit 2 Reactor Coolant System cold hydro	2/19/2018	9/9/2018		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
129	Activate class 1E DC power in Unit 2 Auxiliary Building	6/22/2017	10/26/2017		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
130	Complete Unit 2 hot functional test	5/23/2018	12/10/2018		+7 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
131	Install Unit 3 ring 3 for containment vessel	2/27/2017	6/21/2017		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
132	Load Unit 2 nuclear fuel	12/21/2018	6/24/2019		+6 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
133	Unit 2 Substantial Completion	6/19/2019	10/27/2019		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
134	Set Unit 3 Reactor Vessel	5/26/2017	9/25/2017		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
135	Set Unit 3 Steam Generator #2	9/22/2017	1/23/2018		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
136	Set Unit 3 Pressurizer Vessel	11/27/2017	3/26/2018		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.

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

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PUBLIC VERSION

Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes
137	Complete welding of Unit 3 Passive Residual Heat Removal System piping	1/29/2018	5/18/2018		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
138	Set Unit 3 polar crane	12/18/2017	4/17/2018		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
139	Start Unit 3 Shield Building roof slab rebar placement	5/11/2018	11/6/2018		+6 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
140	Start Unit 3 Auxiliary Building electrical cable pulling	6/23/2017	8/10/2017		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
141	Activate Unit 3 Auxiliary Building class 1E DC power	3/13/2018	8/28/2018		+5 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
142	Complete Unit 3 Reactor Coolant System cold hydro	2/26/2019	6/24/2019		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
143	Complete Unit 3 hot functional test	5/26/2019	9/21/2019		+4 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
144	Complete Unit 3 nuclear fuel load	12/19/2019	2/24/2020		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
145	Begin Unit 3 full power operation	5/20/2020	7/24/2020		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.
146	Unit 3 Substantial Completion	6/16/2020	8/20/2020		+2 Month(s)	No	Delay due to schedule refinement and schedule re-sequencing.

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

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PUBLIC VERSION

Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2015-661 Description	Order No. 2015-661	15-4Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2015-661 Date	Outside +18/-24 Months Contingency?	Notes

SUMMARY

Total Milestones Completed	109	out of	146 =	75%
Milestone Movement - Order No. 2015-661 vs. 15-4Q:				
a) Forward Movement	35	out of	146 =	24%
b) Backward Movement	0	out of	146 =	0%
Milestones Within +12 to +18 Month range	0	out of	146 =	0%

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 December 31, 2015

Appendix 2 is an updated and expanded version of the information contained in the capital cost schedule approved by the Commission in Order No. 2015-661.

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. 2015-661 and as updated for escalation and other Commission-approved adjustments is found under the heading **"Per Order 2015-661 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 December 2015 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 2016-661 Adjusted	Total	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Annual Project Cash Flow(per order)	6,547,124	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,966	939,674	1,007,237	899,260	541,365	262,510	74,354
Capital Cost Rescheduling Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Budget Carry-Forward Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net	6,547,124	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,966	939,674	1,007,237	899,260	541,365	262,510	74,354
Adjusted for Change in Escalation	6,543,842	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,966	955,595	1,003,605	887,686	536,754	262,518	74,960
Cumulative Project Cash Flow(Target)		21,723	122,629	462,632	861,183	1,210,244	1,773,190	2,310,759	2,822,725	3,778,319	4,781,924	5,669,610	6,206,364	6,468,882	6,543,842

Actual through December 2015* plus Projected		Actual								Projected					
Plant Cost Categories	Total	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	51,677	56,593	46,439	45,046	62,286	51,740	2,090	-	-
Total Base Project Costs(2007 $)	5,469,663	21,723	97,386	319,073	374,810	314,977	488,461	448,947	418,639	559,016	693,910	750,012	477,282	247,245	58,182
Total Project Escalation	1,335,360	-	3,519	20,930	23,741	34,084	74,485	88,622	93,326	97,362	271,639	262,536	200,110	115,838	49,169
Total Revised Project Cash Flow	6,805,023	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	1,165,549	1,012,547	677,392	363,082	107,351
Cumulative Project Cash Flow(Revised)		21,723	122,629	462,632	861,183	1,210,244	1,773,190	2,310,759	2,822,724	3,479,101	4,644,651	5,657,198	6,334,590	6,697,672	6,805,023
AFUDC(Capitalized Interest)	291,755	645	3,497	10,564	17,150	14,218	18,941	27,722	26,131	22,202	38,591	53,472	34,990	16,971	6,662
Gross Construction	7,096,778	22,368	104,403	350,567	415,701	363,278	581,886	565,291	538,096	678,580	1,204,140	1,066,019	712,382	380,053	114,013
Construction Work In Progress		22,368	126,771	477,338	893,039	1,256,317	1,838,203	2,403,495	2,941,590	3,620,170	4,824,311	5,890,330	6,602,712	6,982,765	7,096,778

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CWIP Currently In Rates	3,214,067
December 31, 2015 Actual Incremental CWIP Not Currently In Rates	408,104

*Applicable index escalation rates for 2015 are estimated. Escalation is subject to restatement when actual indices for 2015 are final.

Notes:

2016-2020 AFUDC rate applied: 5.49%

The AFUDC rate applied is the current forecasted 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 December 31, 2015

For comparison purposes, **Appendix 3** provides the schedule of capital costs for the project which was approved by the Commission in Order No. 2015-661 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. 2015-661. **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

PUBLIC VERSION

RESTATED and UPDATED CONSTRUCTION EXPENDITURES
(Thousands of $)

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

Per Order 2015-661

Plant Cost Categories	Total	Actual								Projected					
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	51,677	56,593	47,207	64,576	64,794	30,314	710	-	-
Total Base Project Costs(2007 $)	5,246,638	21,723	97,386	319,073	374,810	314,977	488,461	448,947	422,076	742,980	759,311	658,948	389,617	169,840	38,289
Total Project Escalation	1,300,486	-	3,519	20,930	23,741	34,084	74,485	88,622	89,890	196,694	247,926	240,312	151,548	92,670	36,065
Total Revised Project Cash Flow	6,547,124	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,966	939,674	1,007,237	899,260	541,365	262,510	74,354
Cumulative Project Cash Flow(Revised)		21,723	122,629	462,632	861,183	1,210,244	1,773,190	2,310,759	2,822,725	3,762,398	4,769,635	5,668,895	6,210,260	6,472,770	6,547,124
AFUDC(Capitalized Interest)	279,790	645	3,497	10,564	17,150	14,218	18,941	27,722	26,131	30,502	44,426	39,884	30,984	11,529	3,599
Construction Work in Progress		22,368	126,771	477,338	893,039	1,256,317	1,838,203	2,403,495	2,941,591	3,911,767	4,963,430	5,902,573	6,474,923	6,748,962	6,828,914

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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 December 31, 2015

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, July 2015

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2015	631	3.27%	2.61%	2.90%	4.11%
2014	611	2.52%	2.16%	3.21%	4.35%
2013	596	2.05%	2.91%	2.18%	4.77%
2012	584	1.92%	3.82%	3.60%	4.67%
2011	573	4.75%	2.31%	4.75%	
2010	547	4.79%	3.78%	5.31%	
2009	522	-2.61%	4.74%	5.50%	
2008	536	9.16%	8.13%	7.35%	
2007	491	7.68%	6.99%	5.74%	
2006	456	7.55%	6.64%	4.75%	
2005	424	5.74%	4.49%		
2004	401	6.65%	3.50%		
2003	376	1.08%			
2002	372	2.76%			
2001	362				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Update Jul-15
HW All Steam Index:						
One year	7.68%	4.83%	4.79%	4.51%	2.52%	3.27%
Five Year	5.74%	7.19%	5.31%	3.91%	3.21%	2.90%

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Appendix 4, Chart B

Inflation Indices, Chart B

HW All Steam and Nuclear Generation Plant Index, July 2015

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2015	632	3.44%	2.67%	2.97%	4.15%
2014	611	2.52%	2.22%	3.21%	4.38%
2013	596	2.05%	2.97%	2.22%	4.79%
2012	584	2.10%	3.82%	3.64%	4.70%
2011	572	4.76%	2.31%	4.76%	
2010	546	4.60%	3.78%	5.32%	
2009	522	-2.48%	4.82%	5.55%	
2008	535	9.18%	8.15%	7.37%	
2007	490	7.69%	7.00%	5.75%	
2006	455	7.57%	6.66%	4.77%	
2005	423	5.75%	4.50%		
2004	400	6.67%	3.50%		
2003	375	1.08%			
2002	371	2.77%			
2001	361				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Update Jul-15
HW All Steam/Nuclear Index:						
One year	7.69%	4.84%	4.60%	4.52%	2.52%	3.44%
Five Year	5.75%	7.20%	5.32%	3.87%	3.21%	2.97%

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Appendix 4, Chart C

Inflation Indices, Chart C

HW All Transmission Plant Index, July 2015

Year	Index	Yr/Yr change	Three Year Average	Five Year Average	Ten Year Average
2015	614	1.66%	1.68%	1.94%	3.59%
2014	604	1.68%	1.07%	2.63%	4.05%
2013	594	1.71%	2.13%	1.09%	4.91%
2012	584	-0.17%	3.25%	2.56%	4.71%
2011	585	4.84%	1.30%	4.36%	
2010	558	5.08%	2.71%	5.23%	
2009	531	-6.02%	3.96%	5.48%	
2008	565	9.07%	9.02%	8.73%	
2007	518	8.82%	8.11%	6.86%	
2006	476	9.17%	8.58%	5.25%	
2005	436	6.34%	5.43%		
2004	410	10.22%	3.59%		
2003	372	-0.27%			
2002	373	0.81%			
2001	370				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Update Jul-15
HW All Transmission Plant Index						
One year	8.82%	7.41%	5.08%	2.48%	1.68%	1.66%
Five Year	6.86%	8.60%	5.23%	3.00%	2.63%	1.94%

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Appendix 4

Inflation Indices, Chart D

GDP Chained Price Index, 2015

SERIESTYPE	UNIT	SHORT LABEL	ID	2009	2010	2011	2012	2013	2014	2015
Chained Price Index--Gross Domestic Product										
U.S. Macro - 10 Year Baseline	(2009=100)	Chained price index-gross domestic product , Source: BEA , Units: Index- 2009=100.0	45158933	100.00	100.75	102.79	104.70	106.48	108.33	109.4
Annual Percent change					**0.75%**	**2.02%**	**1.86%**	**1.70%**	**1.74%**	**0.99%**
3-Year Annual Percent change							1.54%	1.86%	1.77%	1.48%
5-Year Annual Percent change									**1.61%**	**1.66%**
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	2.15	2.17	2.23	2.29	2.32	2.36	2.36
Percent change					**0.93%**	**2.76%**	**2.69%**	**1.31%**	**1.72%**	**0.00%**
3-Year Annual Percent change							2.13%	2.26%	1.91%	1.01%
5-Year Annual Percent change									**1.88%**	**1.70%**
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	1.73	1.79	1.89	1.93	1.96	2.00	1.94
Percent change					**3.47%**	**5.59%**	**2.12%**	**1.55%**	**2.04%**	**-3.00%**
3-Year Annual Percent change							3.72%	3.09%	1.90%	0.20%
5-Year Annual Percent change									**2.95%**	**1.66%**

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Update Jul-15
GDP Chained Price Index						
One year	2.66%	2.24%	0.43%	2.11%	1.55%	0.99%
Five Year	2.81%	2.86%	1.07%	1.69%	1.55%	1.66%

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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 December 31, 2015

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	Approved on 9/3/2015

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	Approved on 7/31/2014
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

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

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Appendix 5

PUBLIC VERSION

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

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	Approved on 9/9/2014
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	Approved on 5/12/2014
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	Approved on 10/24/2014
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	Approved on 7/31/2014

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 13-17 - 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	Approved on 7/31/2014
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	Approved on 7/31/2014
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	Approved on 7/31/2014
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	Approved on 4/17/2015
LAR 13-22 - Annex Building Structure and Layout Changes	The proposed changes would revise the Combined Licenses (COLs) by (a) installing an additional nonsafety-related battery, (b) revising the annex building internal configuration by converting a shift turnover room to a battery room, adding an additional battery equipment room, and moving a fire area wall, (c) increasing the height of a room, and (d) increasing certain floor thicknesses. The proposed changes include reconfiguring existing rooms and related room, wall, and access path changes.	12/4/2014	Approved on 10/23/2015

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Topic	Description of Change	Submittal Date	Status
LAR 13-23 - Reinforced Concrete (RC) to Steel Plate Composite Construction (SC) Connections	The proposed amendment would revise Tier 2* and associated Tier 2 material related to the design details of connections in several locations between the steel plate composite construction (SC) used for the shield building and the standard reinforced concrete (RC) walls, floors, and roofs of the auxiliary building and lower walls of the shield building.	7/11/2014	Approved on 12/16/2014
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	Approved on 7/31/2014
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	Approved on 6/20/2014
LAR 13-27 - Control Rod Drive Mechanism Latching Relays	The proposed change would revise Combined License (COL) numbers NPF-93 and NPF-94 for Virgil C. Summer Nuclear Station, Units 2 & 3, respectively, to specify the use of Control Rod Drive Mechanism (CRDM) latching control relays (referred to as control relays herein) in lieu of field breakers to open the CRDM motor generator (MG) set generator field on a diverse actuation system (DAS) signal.	10/30/2014	Approved on 6/10/2015

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Topic	Description of Change	Submittal Date	Status
LAR 13-28 - Piping Line Number Additions, Deletions, and Functional Capability Re-designation	The proposed changes revise the Combined License (COL) in regard to changes to the Automatic Depressurization System (ADS), the Passive Containment Cooling System (PCS), the Passive Core Cooling System (PXS), the Normal Residual Heat Removal System (RNS), the Containment Air Filtration System (VFS), Spent Fuel Pool Cooling System (SFS) and the Sanitary Discharge System (SDS) piping line numbers to reflect the as-designed configuration resulting from changes in piping layout or rerouting. The changes consist of adding or deleting piping line numbers of existing piping lines, or updating the functional capability classification of existing process flow lines for the tables.	12/18/2014	Under NRC Review
LAR 13-29 - Class 1E DC and Uniterruptible Power Supply System Removal of Spare Battery Termination Boxes	The proposed changes revise COLs concerning the Class 1E dc and Uninterruptible Power Supply System (IDS). The proposed changes replace four Spare Termination Boxes (IDSS-DF-2, IDSS-DF-3, IDSS-DF-4, and IDSS-DF-5) with a single Spare Battery Termination Box (IDSS-DF-3), and make minor raceway and cable routing changes.	12/19/2014	Under NRC Review
LAR 13-31 - Relocation of Air Cooled Chiller Pump 3, VWS-MP-03	The proposed changes modify the design of the low capacity Central Chilled Water Subsystem (VWS) by relocating Air Cooled Chiller Pump 3 (VWS-MP-03) and its associated equipment, including a new chemical feed tank, from the Auxiliary Building to the Annex Building.	10/21/2015	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

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Topic	Description of Change	Submittal Date	Status
LAR 13-33 - Passive Core Cooling System (PXS) Condensate Return	The proposed amendment would revise the plant-specific Tier 1 and associated Tier 2 material to increase the efficiency of the return of condensate utilized by the passive core cooling system (PXS) to the in-containment refueling water storage tank (IRWST) to support the capability for long term cooling.	7/8/2014	Under NRC Review
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	Approved on 10/8/2014
LAR 13-36 - CIM / DAS Diversity Clarification	The requested amendment proposed to depart from approved AP1000 Design Control Document (DCD) Tier 2* information as incorporated into the Updated Final Safety Analysis Report (UFSAR) by clarifying the position on design diversity, specifically human diversity, as related to the Component Interface Module (CIM) and Diverse Actuation System (DAS) design.	9/11/2014	Approved on 7/17/2015
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	Approved on 11/12/2014

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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 13-39 - BPZ Expansion LAR	This amendment proposes a change to the VCSNS Units 2&3 Radiation Emergency Plan (Plan). VCSNS proposes the following changes to the Units 2&3 Plan: expansion of the Emergency Planning Zone (EPZ) boundary, and revisions to the Evacuation Time Estimates (ETE) analysis and the Alert and Notification System (ANS) design reports to encompass the expanded EPZ boundary.	5/18/2015	Under NRC Review
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	Approved on 10/9/2015
LAR 13-42 - Tier 1 Editorial and Consistency Changes #2	Allows various changes to correct editorial errors in Tier 1 and promote consistency with the Updated Final Safety Analysis Report (Tier 2 information).	5/20/2014	Approved on 3/10/2015
LAR 14-01 - Auxiliary Building Roof and Floor Details	Departs from VCSNS Units 2 and 3 plant-specific Design Control Document (DCD) Tier 2* material contained within the Updated Final Safety Analysis Report (UFSAR) to identify design details of the floors of the auxiliary building that may vary due to design and loading conditions, in accordance with code requirements.	4/3/2014	Approved on 7/18/2014

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Topic	Description of Change	Submittal Date	Status
LAR 14-02 - Wall 11 Design Related Changes	This amendment request proposes changes to the design of auxiliary building Wall 11 and proposes other changes to the licensing basis for use of seismic Category II structures. This submittal requests approval of the license amendment necessary to implement these changes.	12/17/2015	Under NRC Review
LAR 14-03 - Tier 2* Editorial and Clarification Changes	Departs from VCSNS Units 2 and 3 plant-specific Design Control Document (DCD) Tier 2* material contained within the Updated Final Safety Analysis Report (UFSAR) by making editorial and consistency corrections.	6/12/2014	Approved 11/20/2015
LAR 14-05 - Containment Internal Structural Module Design Details	The requested amendment proposes to depart from Tier 2* information in the Updated Final Safety Analysis Report (UFSAR), plant-specific Tier 1 and corresponding COL Appendix C information, and involved UFSAR Tier 2 information to address changes in the UFSAR and design documents related to containment internal structural wall module design details.	7/17/2014	Approved on 3/12/2015
LAR 14-06 - Enclosures for Class 1E Electrical Penetrations in Middle Annulus	Departs from VCSNS Units 2 and 3 plant-specific Design Control Document (DCD) Tier 2* material contained within the Updated Final Safety Analysis Report (UFSAR) by eliminating the Division A fire zone enclosure and adding three new fire zones for Divisions B, C, and D Class 1 E electrical penetration rooms.	6/20/2014	Approved on 12/30/2014
LAR 14-07 - CA04 Structural Module ITAAC Dimensions Change	The proposed amendment would allow changes to adjust the concrete wall thickness tolerances of four Nuclear Island walls found in Tier 1.	9/25/2014	Approved on 8/24/2015

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Topic	Description of Change	Submittal Date	Status
LAR 14-08 - Integrated Test Program (ITP)	The requested amendment requires changes to the Updated Final Safety Analysis Report (UFSAR) in the form of departures from the incorporated plant-specific Design Control Document (DCD) Tier 2 information, and involves changes to related plant-specific Tier 1 information with corresponding changes to the associated COL information. Many of the changes in this amendment request are done in order to conform to the Tier 1 Section 3.4 exemption request described in Enclosure 2. In that change, construction and installation testing is removed from the ITP and replaced with component testing.	10/23/2014	Approved on 9/9/2015
LAR 14-09 - Turbine Building Switchgear Room and Office Layout Changes	The requested amendment would depart from VCSNS Units 2 and 3 plant-specific Design Control Document (DCD) Tier 2* material contained within the Updated Final Safety Analysis Report (UFSAR) by relocating fire area rated fire barriers due to changes to the layout of the switchgear rooms and office area in the turbine building. The requested amendment would also depart from plant-specific DCD Tier 2 material that involves the proposed Tier 2* departures.	9/18/2014	Approved on 12/18/2015
LAR 14-10 - Addition of Instruments to Design Reliability Assurance Program (D-RAP)	This license amendment request proposes to modify the existing feedwater controller logic to allow the controller program to respond as required to various plant transients while minimizing the potential for false actuation. The current configuration of the feedwater control system allows the startup feedwater (SFW) pumps to start upon initiation of a reactor trip. This proposed change will align the feedwater controller logic with the guidance in the Advanced Light Water Reactor Utility Requirements Document (ALWR URD).	7/6/2015	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 14-13 - Proposed Emergency Action Levels	This LAR proposes that the license conditions be modified to allow SCE&G to submit plant-specific EALs developed using criteria from NEI 07-01, Rev 0 and NEI 99-01. The proposed changes, including the modification of VCSNS Units 2&3 License Conditions 2.D(12)(c) and submittal of the new plant-specific EALs for both units, do affect the VCSNS Units 2&3 Combined Licenses, but do not alter requirements of the Emergency Plan or Technical Specifications.	10/9/2015	Under NRC Review
LAR 14-15 - Compressed and Instrument Air Supply Modification	The proposed change would revise the Combined Licenses (COLs) in regard to removing a supply line from the Compressed and Instrument Air System (CAS) to the generator breaker package and involves changes to related plant-specific Tier 1 information, with corresponding changes to associated COL Appendix C information.	10/30/2014	Under NRC Review
LAR 14-16 - Condensate Water Storage Tank Volume	No description provided. This is no longer a LAR.	Changed to a Non-LAR Departure	
LAR 14-18 - Containment Hydrogen Igniter Changes	The proposed departures consist of changes to plant-specific Tier 1 (and COL Appendix C) tables and UFSAR tables, text, and figures related to the addition of two hydrogen igniters above the In-Containment Refueling Water Storage Tank (IRWST) roof vents to improve hydrogen burn capabilities, incorporating consistency changes to a plant-specific Tier 1 table to clarify the minimum surface temperature of the hydrogen igniters and igniter location, removal of hydrogen igniters from the Protection and Safety Monitoring System (PMS) from a plant-specific Tier 1 table, and clarification of hydrogen igniter controls in a Tier 1 table.	5/6/2015	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 14-19 - HFE OSA Task Update and Removal of WCAP-15847	Tier 2* document WCAP-15847 identifies documents that were used to support the AP1000 Design Certification. These documents have either been superseded or discontinued. Therefore, an amendment is being proposed to implement the necessary Tier 2* changes to delete WCAP-15847 from the UFSAR. In addition to this change, a Human Factors Engineering (HFE) Operational Sequence Analysis (OSA) task related to the Automatic Depressurization System (ADS) needs to be clarified.	1/27/2015	Approved on 6/2/2015
LAR 15-01 - HFE V&V Plan Updates to Support ISV	The proposed changes will resolve inconsistencies and implement changes identified during the review of Human Factors (HF) Verification and Validation (V&V) plans. These changes involve revising Tier 2* information contained within the Human Factors Engineering (HFE) Design Verification, Task Support Verification and Integrated System Validation (ISV) plans.	2/10/2015	Approved on 9/23/2015
LAR 15-03 - Main Control Room Emergency Habitability System (VES) Design Changes	The proposed changes revise the COLs concerning the design details of the Main Control Room Emergency Habitability System (VES). These proposed changes would revise ASME safety classification and transition location, equipment orientation and removal, and identification of the number of emergency air storage tanks.	6/30/2015	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 15-04 - Diverse Actuation System (DAS) Cabinet Changes	The proposed changes revise the licensing basis of the COLs to modify the design of the Diverse Actuation System (DAS) to be consistent with the DAS fire-induced spurious actuation (smart fire) and single point failure criteria. The DAS is proposed to be revised by reconfiguring the signal processing in the two processor cabinets currently located in the Annex Building and relocating the cabinets to the Auxiliary Building. The proposed changes also eliminate the instrument cabinet located in the Auxiliary Building.	11/4/2015	Under NRC Review
LAR 15-07 - Reclassification of Tier 2* Information on Fire Area Figures	The requested amendment and exemption identify portions of the licensing basis that would more appropriately be classified as Tier 2, specifically the Tier 2* information on Fire Area Figures 9A-1, 9A-2, 9A-3, 9A-4, 9A-5, and 9A-201 in the VCSNS 2 and 3 Updated Final Safety Analysis Report.	5/4/2015	Under NRC Review
LAR 15-08 - Supplemental Requirements for Mechanical Coupler Weld Acceptability	The proposed change is that, using the AISC N690-1994 SLC of 1.6, rebar sizes #4, #5, and #6 C2/C3J couplers demonstrate the required weld capacity through analysis. For rebar sizes #7 through #11 C2/C3J couplers, this activity proposes testing as permitted by AISC N690-1994 Section Q1.22.2 to demonstrate the weld capacity for 125% of the specified yield strength loading of the rebar by performing a series of a minimum of six static and three cyclic tests on representative samples of each of the five sizes of the coupler-rebar- weld system.	8/24/2015	Approved on 11/12/2015

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Topic	Description of Change	Submittal Date	Status
LAR 15-09 - Use of AWS D1.1-2000 Criteria for Structural Welds	The requested amendment proposes to depart from Tier 2* and associated Tier 2 information in the Updated Final Safety Analysis Report (UFSAR) (which includes the plant-specific DCD Tier 2 information) to revise the application of American Institute for Steel Construction (AISC) N690-1994, Specification for the Design, Fabrication and Erection of Steel Safety-Related Structures for Nuclear Facilities, to allow use of American Welding Society (AWS) D1.1-2000, Structural Welding Code-Steel, in lieu of the AWS D1.1-1992 edition identified in AISC N690-1994.	5/26/2015	Approved on 9/1/2015
LAR 15-15 - Radiologically Controlled Area Ventilation System (VAS) Design Changes	The requested amendment proposes changes to the Radiologically Controlled Area Ventilation System (VAS) configuration and equipment list by relocating one radiation monitor and adding one radiation monitor.	12/17/2015	Under NRC Review
LAR 15-17 - Addition of New Turbine Building Sump Pumps to ITAAC	The proposed amendment would depart from plant-specific Tier 1 information by adding two turbine building sump pumps to accommodate the increased flow that will be experienced during condensate polishing system rinsing operations. The proposed change also indicates that there is more than one main turbine building sump. Because flow into the turbine building sumps may be radiologically contaminated, the turbine building sump pumps will cease operation if a high radiation signal is present.	9/30/2015	Under NRC Review
LAR 15-18 - Revision to VCSNS Units 2 and 3 Plant-Specific Emergency Planning ITAAC	Changes to the plant-specific emergency planning ITAAC are proposed to remove the copies of DCD Table 7.5-1, "Post-Accident Monitoring System," and FSAR Table 7.5-201, "Post-Accident Monitoring System," and to replace the references to DCD Table 7.5-1 and FSAR Table 7.5-201 with UFSAR Table 7.5-1 in Table C.3.8-1 for ITAAC Numbers C.3.8.01.01.01, C.3.8.01.05.01.05 and C.3.8.01.05.02.04.	10/1/2015	Under NRC Review

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Topic	Description of Change	Submittal Date	Status
LAR 15-19 - Proposed Revision to Technical Specifications (TS) Section 5.0 Regarding Shift Supervisor Title Change	The proposed amendment will change Technical Specifications (TS) Section 5.0, "Administrative Controls" by revising the Shift Supervisor title to Shift Manager.	10/22/2015	Under NRC Review

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