



K. Chad Burgess
Director & Deputy General Counsel

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August 14, 2017

VIA ELECTRONIC FILING

The Honorable Jocelyn Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive
Columbia, South Carolina 29211

RE: Quarterly Report of South Carolina Electric & Gas Company Concerning
Construction of V.C. Summer Nuclear Station Units 2 and 3

Dear Ms. Boyd:

South Carolina Electric & Gas Company ("SCE&G" or "Company") is required under S.C. Code Ann. § 58-33-277 (2015) to file reports quarterly with the South Carolina Office of Regulatory Staff concerning, among other things, the progress of construction of V.C. Summer Nuclear Station Units 2 and 3. SCE&G must also file, pursuant to Order No. 2009-104(A), a copy of its quarterly reports with the Public Service Commission of South Carolina.

Today is the deadline for filing the Company's quarterly report for the quarter ending June 30, 2017. In compliance with its legal obligations referenced above, enclosed you will find a copy of SCE&G's report for the quarter ending June 30, 2017.

If you have any questions, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in blue ink that reads "K. Chad Burgess".

K. Chad Burgess

KCB/kms
Enclosure

cc: Shannon Bowyer Hudson, Esquire
Jeffrey M. Nelson, Esquire
(both via electronic mail and U.S. First Class Mail)

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 June 30, 2017

I. Introduction and Summary

A. Introduction

This quarterly report concerning the status of the construction of V.C. Summer Nuclear Station (VCSNS) Units 2 and 3 (the Units) is submitted by South Carolina Electric & Gas Company (SCE&G or the Company) to the Public Service Commission of South Carolina (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 (2015) and the terms of Commission Order No. 2009-104(A). 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 light of the bankruptcy filing by Westinghouse Electric Company, LLC (WEC or Westinghouse), and the decision by the South Carolina Public Service Authority (Santee Cooper) to suspend its participation in the project, SCE&G determined on July 31, 2017, to instruct its contractors Fluor Corporation and Westinghouse to cease work on the project except for work necessary to safely demobilize the workforce and stabilize the site. On August 1, 2017, SCE&G filed with the Commission its Petition for Prudency Determination Regarding Abandonment, Amendments to the Construction Schedule, Capital Cost Schedule and Other Terms of the BLRA Orders For VC Summer Units 2 & 3 And Related Matters (Abandonment Update Petition). On August 9, 2017, ORS moved to dismiss the Abandonment Update Petition. A hearing date on that matter has not been set.

In light of the current status of the matter, the financial schedules presented here reflect amounts spent through June 30, 2017 and do not include forecasted amounts thereafter.

B. Structure of Report and Appendices

The current reporting period is the quarter ending June 30, 2017. Unless otherwise stated, the information set forth in this report is current as of June 30, 2017. 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. 2016-794. For reference purposes, **Appendix 3** provides a copy of the capital cost schedule for the project as approved in Order No. 2016-794. **Appendix 5** provides a list of the License Amendment Requests (LARs) filed by SCE&G with the Nuclear Regulatory Commission (NRC).

Attached to the end of the report is a glossary of acronyms and defined terms used.

1. Construction Schedule and Milestones

Milestones. Order No. 2016-794 established that the substantial completion dates of the two Units are the only Base Load Review Act (BLRA) milestones left to complete. In light of the decision to abandon the project, substantial completion of the Units is no longer contemplated and construction milestones have not been updated.

Construction Costs and Cost Forecasts. Spending through June 30, 2017, reflects actual amounts. In addition, the approved capital cost targets have not been adjusted to reflect the currently reported historical escalation rates.

II. Progress of Construction of the Units

A. Westinghouse Bankruptcy

On March 29, 2017, WEC filed for bankruptcy in the Southern District of New York. In its filings, WEC stated that it intended to exit the new nuclear construction business. In connection with the bankruptcy filing, SCE&G, Santee Cooper and WEC entered into an Interim Assessment Agreement (IAA) to allow the construction and design of the Project to continue pending SCE&G's and Santee Cooper's evaluation of their options for continuing or cancelling the project. The IAA was for a 30-day term. On April 28, 2017, the IAA was amended. The primary amendment was the extension of the term of the IAA through June 26, 2017, subject to bankruptcy procedures. The IAA was subsequently extended to August 10, 2017.

After the end of the period, on July 27, 2017, SCE&G and Santee Cooper signed an agreement with Westinghouse's parent company, Toshiba Corporation, whereby Toshiba

will pay a total of approximately \$2.2 billion in damages for Westinghouse’s breach of the Engineering, Procurement, and Construction Agreement (EPC Contract). SCE&G’s 55% share of these prospective payments is approximately \$1.2 billion. Those payments will be made over several years.

During the period, SCE&G completed its quantitative evaluation of options for continuing or abandoning the Units. Management was evaluating the qualitative risk factors when Santee Cooper’s board voted to “suspend construction” on the project. SCE&G had previously determined that it was not beneficial or feasible for the Company to continue the project without Santee Cooper bearing its share of the costs and risks of construction. On July 31, 2017, in response to Santee Cooper’s decision, SCE&G’s board voted to file a plan of abandonment for the project with the Commission under S.C. Code Ann. § 58-33-280(K) and instructed Westinghouse and Fluor to cease their construction efforts accordingly. On July 31, 2017, SCE&G and Santee Cooper gave notice of the termination of the IAA.

B. Construction

Workforce: There were approximately 5,100 contractor and subcontractor personnel on site prior to abandonment.

Project Completion: At the close of the period, WEC reported the project to be 66.6% complete. During the period, completion of the construction advanced by 2.5%.

Chart E provides completion percentage and change in completion percentages by functional area.

CHART E

<u>Completion Percentages</u>			
	% Complete 1st Quarter 2017	% Complete 2nd Quarter 2017	% Change
Engineering	96.0%	97.1%	+1.1%
Procurement	88.2%	91.8%	+3.6%
Construction	34.3%	36.0%	+1.7%
Start-up	8.6%	9.6%	+1.0%
Total¹	64.1%	+66.6%	+2.5%

¹ Each Phase has its own Phase Percent Complete out of 100% and its own calculation method. The Phase Percent Completes are weighted and aggregated to become the Total Percent Complete.

Productivity: The productivity factor for the project had not been reported at the time of termination of the IAA.

Critical Paths: As of the close of the period, the Unit 2 critical path ran through the erection of concrete walls that interface with the Auxiliary Building and Shield Building. The Unit 2 secondary critical path ran through the Shield Building Panels and concrete to the top of the Shield Building and continued through the air inlet and tension ring installation. The focus was on delivery dates of mechanical and floor sub-modules to support the critical path work.

The Unit 3 critical path ran through the placement of Shield Building concrete to support the installation of the upper horizontal Shield Building transition panels at elevation 149', and continued to placement of the Passive Containment Cooling Water Storage Tank (PCCWST) to fuel load, then to final startup testing and Substantial Completion.

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

During the period, work was completed on concrete Layers 8, 9, and 10 West within the Unit 2 CV. Concrete placement was completed for the CA01 module. The Unit 2 Steam Generator No. 1 was set in place. Welding of the Unit 2 Reactor Coolant System Hot and Cold Legs to the Reactor Vessel and to Steam Generator No. 1 was underway.

Unit 2 CV Ring 3 was lifted and set in place. Welding it to CV Ring 2 is underway.

Acceptance rates based on the Radiographic Testing (RT) of welds on the Units 2 and 3 CV Rings and Top Head remain above 99%. Fabrication for the CV Top Head for Unit 2 is complete.

2. Unit 2 Shield Building Construction

Unit 2 Shield Building Panel Course 6 was installed and welded in the "wedge area" at the intersection of the Containment Building and the Auxiliary area and other locations.

3. Unit 2 Annex Building

Construction of the Annex Building continues with the placement of multiple concrete walls and the installation of decking, piping, HVAC ductwork, and supplemental steel. The HVAC ducts and electrical commodities are being installed, and the steel sprayed with fire protection coating.

4. Unit 2 Auxiliary Building

Concrete was placed for multiple walls and floors in the Unit 2 Auxiliary Building.

Structural steel, electrical commodities, piping and HVAC ducts and supports are being installed. The completion of CA20 weld-out continues. Mechanical Modules C33 and 35 were set inside the Containment Building for Unit 2.

5. Unit 2 Turbine Building

Concrete work is nearing completion. Wall girders, duct banks, stairs, ladders, cable raceways, piping and pipe supports were installed in multiple locations. The primary overhead crane was energized, and work began to reeve the cable required for operation of the crane. Installation of the roof decking continued, and the installation of the deck roof rafters is complete.

6. Unit 3 Nuclear Island (NI)

Concrete Layers 6W and 6A were placed within the Unit 3 CV. Work is progressing to install commodities and rebar commenced for portions of the north and east side of the Auxiliary Building.

7. Unit 3 Containment Vessel (CV)

Installation of structural steel platforms on the inside of Unit 3 CV Ring 2 is progressing.

8. Unit 3 Auxiliary and Annex Building

The placement of concrete for Auxiliary Building walls and floors and installation of piping and erection of structural steel continued. Backfilling proceeded around the Auxiliary Building and other structures in the Unit 3 NI.

9. Unit 3 Turbine Building

Structural steel platforms were set in the Unit 3 Turbine Building. All the Condensers have been set and the water boxes installed. The Auxiliary Boiler for Unit 3 was set.

10. Unit 3 Shield Building

Course 2, 3 and 4 of Shield Building Panels were installed and concrete placed.

11. Cooling Towers

All four Cooling Towers are structurally complete. Electric work on the Units' four Cooling Towers is approximately 92% complete.

12. Offsite Water System (OWS)

Storage tank 3A interior coatings and foundation repair continue.

13. Service Building

Work on the Service Building by M. B. Kahn construction is substantially complete, and the building is scheduled for occupancy at the end of August. Construction is ahead of schedule and within budget.

C. Module and Shield Building Panel Fabrication and Assembly

The on-site assembly of structural floor modules remains a potential critical path item for the project, as does the quality and fabrication schedule of mechanical modules.

1. Mechanical and Submodule Production and Installation

Fifty (50) of 52 Unit 2 mechanical modules have been delivered to the site, as have 38 of the Unit 3 mechanical modules. Fifty-eight percent (58%) of the Unit 2 mechanical modules have been installed as have 27% of the Unit 3 mechanical modules.

2. Unit 3 Structural Modules and Submodules

Fabrication of Unit 3 Structural Module CA03 is complete, and it is awaiting installation. With this, all of the large structural modules for both Units are complete.

3. Shield Building Panels

One hundred sixty (160) of the 167 Shield Building Panels for the Unit 2 Shield Building have been received on site from Newport News Industrial (NNI). Eighty-four (84) of the Unit 3 Shield Building Panels have been received. In total, 73% of the Shield Building Panels for both Units are on site.

4. Unit 2 and Unit 3 Air Inlet and Tension Rings

Fabrication began on nine (9) of the 43 Unit 2 Air Inlet Panels.

5. Conclusion

SCE&G continues to monitor the fabrication and delivery process related to submodules, mechanical modules and Shield Building Panels. In addition to its other Quality Assurance/Quality Control (QA/QC) resources, SCE&G maintains an inspector on site at a variety of fabrication sites around the country.

D. Equipment and Fabrication

Approximately 93% of major equipment for both Units has been delivered to the site. Based on a revised baseline report, approximately 96% of the valves and 75% of auxiliary equipment for the project have been delivered to the site.

1. Reactor Coolant System (RCS)

All the Steam Generators, Pressurizers, Reactor Vessels, Reactor Closure heads, RCS Piping, Core Make-up Tanks and Accumulators necessary for the project are on site.

2. Reactor Coolant Pumps (RCPs)

Two of four Unit 2 RCPs have arrived on site. The remaining two Unit 2 RCPs are completed, packaged, and awaiting shipment. Final assembly and testing are in process for the four Unit 3 RCPs. The current delivery schedule for these items supports construction need dates.

3. Passive Residual Heat Removal (PRHR) Heat Exchangers

The Unit 2 PRHR Heat Exchanger was received on site. The Unit 3 PRHR Heat Exchanger final paperwork uncovered questions regarding non-destructive test documentation that is being reviewed by WEC. Current assessments indicate that resolution will not impact project construction need dates.

4. Squib Valves

All Unit 2 14-inch and 8-inch squib valves have been received on site. Assembly is complete on the Unit 3 14-inch squib valves and continues on the 8-inch squib valves. The delivery dates for these valves support construction need dates.

5. Information Technology

Handover and Turnover of Proprietary Information. SCE&G is preparing for the second phase of the implementation of the pull-in interface that will allow for loading of handover and turnover documents into the Configuration Management Information System (CMIS) or the Records Management System (Filenet). WEC began providing historical records to use in developing requirements and in conducting comprehensive end-to-end testing of the applicable interfaces.

Configuration Management Information System (CMIS). SCE&G has completed requested modifications to SmartPlant Foundation to support engineering documents and completed modifications to systems external to SmartPlant Foundation in preparation for Information Turnover.

Work Management System (WMS). All computerized maintenance management system (CMMS) modules are in the final stages of testing and are scheduled to be moved to production in the third quarter.

Cyber Security. The cyber security monitoring system is in design. WEC is revising cyber security assets identification report based on comments.

Infrastructure. Information Services & Technology (IST) continues to provide support and input for the Service Building to support occupancy later in 2017. IST continues to work with Operations and the vendor on the Offsite Water Treatment Facility to allow for remote vendor support and appropriate cyber security controls. IST participated in tests in Charlotte of the Emergency Preparedness System (EPS) and will continue to be involved in discussions with Westinghouse regarding the design, testing, and implementation.

E. Quality Systems

1. Supplier Oversight

SCE&G Quality representatives conducted quality assurance observations at the following supplier facilities:

- Paxton Vierling Steel—WECTEC Supplier Quality Oversight Surveillance.
- CB&I-Laurens—Weekly Oversight of Westinghouse/WECTEC.
- Curtis Wright—EMD—Witness Hold Points for Reactor Coolant Pump.
- Turner Industries—Stand-up activities for new supplier of ASME Section III Pipe Spool.
- SPX Flow US LLC Copes Vulcan—10 CFR 50 Appendix B Program Audit of AP 1000 Squib Valve Supplier.
- Consolidated Power Supply, Inc.—WECTEC Supplier Quality Oversight Surveillance.
- WECTEC Commercial Grade Dedication Meeting Attendance.
- AECON—Supplier Readiness Review.
- WECTEC Supplier Quality Committee Meeting Attendance.

2. Significant Issues Identified

Restrictions were implemented on CB&I-Laurens in response to emergent issues including one (1) Notice of Violation (NOV) and six (6) Notices of Nonconformances (NON) resulting from a January 2017 NRC inspection, as well as, nine (9) Audit Findings from a February 2017 Westinghouse Audit. SCE&G Supplier Quality is overseeing the CB&I-Laurens Corrective Actions to address the findings documented in the NRC (NOV/NONs) and Westinghouse Supplier Correction Action Requests (SCARs) through routine observations and weekly status meetings. CB&I-Laurens Corrective Action Plans

are progressing, including recent issuance of a Root Cause Analysis Report for the 10 C.F.R. 50 Appendix B Criterion 1 Notice of Nonconformance.

3. On Site Quality Surveillance Activity

SCE&G personnel completed 337 surveillances (including QA/QC surveillances) of construction activities at Jenkinsville. These surveillances were related to module installation and welding, electrical support activities, traceability of materials, non-destructive examination, subcontractor activities, CB&I-Laurens pipe spool ultrasonic testing, reactor coolant system welding, Passive Core Cooling System (PXS) piping installation, Steam Generator installation activities, Corrective Action Program Oversight, Preventative Maintenance and Preservice Inspection activities. No significant issues were identified.

4. Quality Systems Audit Activity

SCE&G personnel conducted a quality assurance audit that included 10 CFR 50 Appendix B criteria of Westinghouse/WECTEC on site and an audit of site preparation of modules. No significant conditions adverse to quality were identified.

SCE&G continues to monitor the status of issues related to the Westinghouse corrective action program and the issues related to preventative maintenance and storage. During the quarter, SCE&G performed ten surveillances related to the corrective action program and two surveillances specific to storage and issues related to stored material and equipment. SCE&G plans to conduct oversight and surveillances in these areas in the third quarter of 2017.

F. Licensing and Permitting and Regulatory Proceedings

1. NRC Inspections

During the period, the NRC Resident Inspectors issued the First Quarter 2017 Integrated Inspection Report. The report documented two findings: (1) a Green Non-Cited Violation (NCV) for failure to translate design change modifications into output design and construction drawings; and (2) a Green NCV for failure to provide adequate instructions and procedures for safety-related components fabricated on site. A Green finding is the least significant in the NRC Construction Reactor Oversight Process. It qualitatively indicates licensee performance is acceptable and that NRC Construction Reactor Oversight Process cornerstone objectives are fully met. In the Second Quarter of 2017, the NRC also conducted inspections related to Reactor Vessel Material Surveillance Program, Welding, and Component Interface Module. No documentable findings were identified in these inspections.

2. License Amendment Requests (LARs)

The NRC has granted a total of 79 LARs, eight of which were granted during the

reporting period. Twenty-eight LARs were pending at the close of the period. SCE&G filed twelve LARs with the NRC and withdrew two LARS during the period. For ease of reference, a report that tabulates all the LARs submitted by SCE&G to the NRC as of June 30, 2017, is attached as Appendix 5.

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

During this period, SCE&G submitted 21 ITAAC Closure Notifications to the NRC. Of the 112 submitted ITAAC Closure Notifications to date, 70 have been verified complete and 42 are under review by the NRC. The ITAAC submittal rate continues to be an area of focus for the project.

G. Engineering

1. Engineering Completion Status

As of June 30, 2017, the Units 2 and 3 engineering completion (including NI, Balance of Plant (BOP), Site Specific, and Instrumentation and Controls) was 97.1% complete. Delivery of design documents for construction continues to be a focus area for SCE&G. In response to the WEC bankruptcy, SCE&G was evaluating the organizational structure and resources required to direct the engineering function for the project.

H. Training

1. Initial Licensed Operator (ILO) Training

During the period, an “operating exam only” was conducted by the NRC in May for two candidates. The NRC reported official results in June. Both candidates passed the exam.

ILO candidates in Class 3 continued simulator training and are scheduled to take an NRC exam in late 2017. Class 4 started the systems training phase and is currently scheduled to take an NRC exam in late 2018.

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

In April 2017, the Unit 2/3 M&T training programs were granted initial accreditation from the National Nuclear Accrediting Board at the Institute of Nuclear Power Operations (INPO). This accreditation received covered all five phases of the systematic approach to training and was the first time that all five phases have been accredited during the initial accreditation review. The advantage of the full initial accreditation is accreditation renewal of these programs is not required for six years.

The M&T staff continued training in their respective disciplines including on-the-job training with mentoring and task performance evaluations.

I. Operational Readiness (OR)

Schedule development and execution continue to be a priority for OR. Implementation of a Milestone process for schedule management and execution is in place. Focus areas are staff training; the issuance of programs and procedures needed for system turnover and plant operations; and alignment with WEC on items necessary to support design authority transfer.

1. Mission Critical Hiring

SCE&G has filled 14 of the 20 mission-critical positions for 2017 and 22 of the 75 for the 2017 overall hiring goal. To date, 625 positions for all New Nuclear Deployment (NND) groups have been filled.

2. Initial Testing Program (ITP) Components

SCE&G is evaluating the impact of the WEC bankruptcy on the ITP and its components and the structure and resources needed if SCE&G assumes the lead role in managing the ITP with WEC providing technical support.

J. Change Control/Owners' Cost Forecast

During the period, no change orders were processed.

1. Escrow – Software & Documentation

During the period, verification was ongoing to ensure that the required intellectual property and facility documentation is present in the escrow accounts in a usable form.

K. EPC Contract Payments under the Milestone Payment Schedule

During the quarter, no milestone payments were made due to WEC's bankruptcy filing. Payments were made under the IAA to WEC and Fluor to continue work.

L. Transmission

As of the close of the period, approximately 86% of the transmission structures and 80% of the wire miles comprising the transmission aspects of the project were complete. The transmission line construction to support Unit 2 is substantially complete.

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

Construction activities continued on the VCS2-St. George 230 kV Lines No. 1 and No. 2 segment between the Saluda rapids and Dunbar Road and between Gaston and Orangeburg. These activities included installation of construction access and erosion control measures, spotting and framing of poles, removal of the existing lines and

installation of pole foundations, poles and conductors.

2. Wateree-St. George-Williams 230 kV Line

During prior periods, construction was completed on the first approximately two-mile section of the project to rebuild the St. George to Summerville segment of the Wateree-St. George-Williams 230 kV Line. During the current period, construction was completed on a second 13 mile section of the project. Construction activities, including installation of erosion control measures and construction access, began on the final approximate 16 mile segment ending at the Summerville Substation in 2018. During the next period, construction activities will increase to include spotting and framing of poles and vibratory caissons and removal of existing lines and poles.

III. Anticipated Construction Schedules

Appendix 1 to this quarterly report lists and updates each of the milestones constituting the anticipated construction schedules for the Units pursuant to S.C. Code Ann. § 58-33-270(B)(1) and Order No. 2016-794.

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 as of June 30, 2017. These costs are compared to the cumulative capital cost targets approved by the Commission in Order No. 2016-794. In light of the decision to abandon the project, the approved capital cost targets have not been adjusted to reflect the currently reported historical escalation rates.

Appendix 2 shows the Cumulative Project Cash Flow target as approved in Order No. 2016-794.

For comparison purposes, **Appendix 3** sets out the cash flow schedule for the project as it was approved in Order No. 2016-794. **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. 2016-794.

A. 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 ten years.

V. Updated Schedule of Anticipated Capital Costs

The schedule of anticipated capital costs associated with the abandonment of Units 2 and 3 is being evaluated.

VI. Conclusion

In light of the decision which SCE&G made on July 31, 2017, to abandon the construction of Units 2 and 3 at the V.C. Summer Nuclear Station in Jenkinsville, S.C., the Company is working to safely and efficiently demobilize construction and to stabilize the site.

ATTACHMENT 1

GLOSSARY OF ACRONYMS OR DEFINED TERMS

Acronym or Defined Term	Reference
ACA	Affordable Care Act.
AECON	Aecon Industrial- a supplier of mechanical modules for the project.
AFUDC	Allowance for Funds Used During Construction.
Amendment	The October 2015 Amendment to the EPC Contract.
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 to accredit training programs.
BLRA	The Base Load Review Act, S.C. Code Ann. § 58-33-210 et seq. (Supp. 2009).
BOP	Balance of Plant –areas outside of the nuclear island not classified as nuclear safety related.
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 – between the owner’s and contractor’s quality assurance information systems.
CAR	Corrective Action Report – related to design, engineering or construction of the Units, or related processes, that must be corrected.
CAS	Commission (NRC) Approved Simulator –for the training of licensed system operators and modeling of plant responses to specified conditions.
CB&I	Chicago Bridge & Iron – a former member of the Consortium.
CB&I-LC	CB&I Lake Charles – the module fabrication unit located in Lake

Acronym or Defined Term	Reference
	Charles, Louisiana.
CB&I Services	A subsidiary of CB&I that is fabricating the containment vessels on site under contract with Westinghouse.
CDA	Critical Digital Assets –as identified for cyber security purposes.
CES	Carolina Energy Solutions – a subcontractor located in Rock Hill, South Carolina.
CGD	Commercial Grade Dedication – a quality assurance designation for certain materials and supplies used in nuclear construction.
CIP	Critical Infrastructure Protection – the goal of the cyber security program.
CMIS	Configuration Management Information System – the digital system which documents the configuration of the plant including its equipment, physical assets and computer systems.
CMMS	Computerized Maintenance Management System – the digital system which schedules and documents maintenance of the plant.
CMPS	Construction Milestone Payment Schedule –the schedule for making payments to WEC based on the accomplishment of defined construction milestone schedules
COLs	Combined Operating Licenses – licenses issued by the NRC for construction and operation of a nuclear unit.
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. Stone & Webster is now known as WECTEC, a subsidiary of WEC.
CR	Condition Report – a 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	Containment Vessel – the structure which provides containment for the reactor vessel and associated equipment.

Acronym or Defined Term	Reference
CVBH	Containment Vessel Bottom Head – the structure that forms the bottom of the Containment Vessel.
CWIP	Construction Work in Progress – a concept of regulatory accounting.
CWP	Circulating Water Pipe –part of the Circulating Water System.
CWS	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 – a document approved by the Nuclear Regulatory Commission which sets forth the approved design of a nuclear reactor.
Departures	Departures – 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.
DOR	Division of Responsibility.
DRB	Dispute Review Board – a three-person board established under the Amendment to hear commercial disputes under the EPC Contract.
ECoE	WEC’s Engineering Center of Excellence.
EMD	Electro-Mechanical Division of Curtiss-Wright Corp. – the supplier 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 as amended from time to time.
ER	Equipment Reliability.
EPS	Emergency Preparedness System
ERB	Emergency Response Building – the 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

Acronym or Defined Term	Reference
	conclusion of an NRC inspection to discuss the results of the inspection.
FAA	Functional Area Assessment – a work flow review to improve efficiency.
FAS	First Article Survey.
FERC	The Federal Energy Regulatory Commission.
Fixed/Firm	Prices under the EPC Contract which are either fixed or are firm but subject to defined escalation rates.
Fluor	The Fluor Corporation
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.
IAA	Interim Assessment Agreement dated March 28, 2017, as amended, among SCE&G, Santee Cooper, WEC and WECTEC
IBF	A subcontractor of Tioga that manufactures the Reactor Coolant Loop (RCL) piping.
I&C	Instrumentation and Control – systems for monitoring and controlling the reactor and other aspects of the plant.
ICN	ITAAC Closure Notification – the letter from a COL licensee to notify the NRC that an ITAAC is complete in accordance with 10 CFR 52.99(c)(1).
ICP	Integrated Construction Plan – the construction plan for the Units.
IFC	Issued for Construction – engineering drawings that include information necessary for construction of specific structures, systems and components.
ILO	Initial Licensed Operator – An individual licensed to operate a nuclear

Acronym or Defined Term	Reference
	reactor.
INPO	Institute of Nuclear Power Operations – an industry sponsored group that establishes standards, certifies training, and audits nuclear operations to ensure safe operations of nuclear units.
IPS	Integrated Project Schedule – the schedule for licensing and construction of the Units.
ISV	Integrated Systems Validation – part of the NRC process for ensuring that I&C systems support nuclear safety compliance.
ITAAC	Inspections, Tests, Analyses, and Acceptance Criteria – 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.
ITP	Initial Testing Program – NRC mandated testing for individual systems and for each Unit to certify that they will perform as licensed.
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 – a notice which authorize a vendor to commence specific work.
LOTO	Lock-Out, Tag-Out – the safety-related process for ensuring equipment is not energized or put in motion while maintenance or inspection is taking place.
LSA	Limited Scope Audit – an audit of QA programs.
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 – a designation for personnel who require training and certification in nuclear safety matters but are not ILOs or SLO.
MAB	Module Assembly Building – a building on the construction site where large modules will be constructed and equipment will be

Acronym or Defined Term	Reference
	prepared for installation in a space that is protected from the elements.
Mangiarotti	Mangiarotti Nuclear, S.p.A. – major equipment vendor to the project.
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 – an equipment skid used for training purposes.
NCV	Non-Cited Violations –issues identified and pointed out in NRC inspections which do not rise to a level requiring citation and documentation as violations.
NDE	Non-Destructive Examination.
NEI	Nuclear Energy Institute – a nuclear industry trade association.
NI	Nuclear Island – the structures 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 –an operator who may support ILOs and SLOs and work under their supervisions.
NNAB	National Nuclear Accrediting Board.
NND	New Nuclear Deployment Team – the team within SCE&G that is directly responsible for the project.
NNI	Newport News Industrial – a module fabrication subcontractor to WEC.
NON	Notice of Non-conformance – a finding that quality and design requirements are not met.
NPDES	National Pollutant Discharge Elimination System – the Federal water quality protection 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

Acronym or Defined Term	Reference
	involved in the nuclear supply chain.
OR	Operational Readiness
ORS	South Carolina Office of Regulatory Staff.
OWS	Offsite 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 a COL licensee to proceed at its own risk with work consistent with a LAR prior to approval of that LAR.
PCCWST	Passive Containment Cooling Water Storage Tank
PDC	Power Distribution Center - prefabricated, modular enclosures housing electrical equipment such as switchgear, motor control center equipment and other auxiliary equipment.
Pike	Pike Energy Solutions, a contractor for transmission and switchyard related work.
PM	Preventative Maintenance.
PMO	Project Management Organization – the WEC organization overseeing construction of the Units.
PMP	Probable Maximum Precipitation – the standard for assessing the adequacy and performance of site storm water drainage systems.
PO	Purchase Order.
PRA	Probabilistic Risk Assessment – an assessment of safety-related risks and their probabilities of occurring.
PRHR	Passive Residual Heat Removal Heat Exchanger –a heat exchange unit that provides cooling to the AP1000 reactor during emergency situations as a part of the passive safety system which.
PRS	Plant Reference Simulator – a training simulator with full functionality that can be used in all stages of operator training and in operating the Units.
PVS	Paxton & Vierling Steel - the vendor providing safety related steel and structural steel modules.

Acronym or Defined Term	Reference
PwC	Price Waterhouse Coopers, LLP and its subsidiary companies that provide accounting and consulting services.
PWS	The Potable Water System – the 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 – the program for ensuring effective Quality Assurance is achieved.
QA/QC	Quality Assurance/Quality Control.
QC	Quality Control – the observations, techniques and activities used to fulfill requirements for quality.
QMS	Quality Management System – the system for ensuring QA/QC.
QS	Quality Systems – equivalent to QMS.
RAI	Requests for Additional Information – information requests issued by the NRC staff or other regulators to licensees and others.
RCA	Root Cause Analysis – the 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 Coolant Pump – pumps 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 – information requests issued by the NRC staff to licensees.
ROE	Return on Equity.
ROW	Right-of-way.

Acronym or Defined Term	Reference
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 – the metal vessel which contains the nuclear reactor and related controls.
RWS	Raw Water System – the system for withdrawing and transporting raw water from the Monticello Reservoir.
SAT	Site Acceptance Testing –testing to ensure that systems and the Units conform to design parameters.
SCDHEC	The South Carolina Department of Health and Environmental Control.
SCDNR	The South Carolina Department of Natural Resources.
SCE&G or the Company	South Carolina Electric & Gas Company.
SDS	Simulator Development System.
SER	Safety Evaluation Report – a report generated by the NRC as a precondition to licensing or amending a license.
SES	Plant Security Systems – the systems for ensuring physical security of the site.
SNC	Southern Nuclear Company – a subsidiary of Southern Company and licensed operator of the Vogtle Nuclear Units and two other nuclear plants.
SPX	SPX-Copes Vulcan– the supplier of Squib Valves for the project.
SRO	Senior Reactor Operator – a reactor operator licensed to train and supervise other reactor operators.
SROC	Senior Reactor Operator Certification – certification as a SRO.
Target	Costs under the EPC Contract where targets have been established but where SCE&G pays actual costs as incurred.
TSU	Technical Specification Upgrade.
Units	V. C. Summer Nuclear Station Units 2 & 3.

Acronym or Defined Term	Reference
Update Docket	A proceeding under the BLRA seeking Commission approval of updated cost and construction schedules for the Units.
UPS	Uninterruptible Power Supply –back up power systems.
URI	Unresolved Items – A term used by the NRC during inspections for items that require further action.
USACOE	The United States Army Corps of Engineers.
VCSNS or VCSN	V. C. Summer Nuclear Station.
WEC or Westinghouse	Westinghouse Electric Company, LLC.
WECTEC	A subsidiary of WEC principally established to house engineering and supervisory personnel transitioning from CB&I.
WMS	Work Management System –the system for assigning work duties and tasks in nuclear testing and operations.
WTP	Water Treatment Plant – the off-site which will take water from Lake Monticello and treat it to potable water standards.
WWS	Waste Water System – the system for collection, treatment and disposal of domestic waste water generated on site.

VII. 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 June 30, 2017

Appendix 1 list and update 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. 2016-794. Consistent with that Order, Appendix 1 also reports on the milestones which were approved in Order No. 2015-661 but which were not carried forward as operative milestones for BLRA monitoring purposes. Appendix 1 provides columns with the following information:

1. Milestone tracking ID number.
2. The description of the milestone as established in Order No. 2015-661.
3. The BLRA milestone date as approved by the Commission in Order No. 2015-661 or Order No. 2016-794, as applicable.
4. The currently projected milestone completion 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.
6. Information as to whether any milestone adopted under Order No. 2016-794 has been shifted outside of the +18/-24 Month Contingency approved by the Commission.
7. Notes.

**Appendix 1
VC Summer Units 2 and 3**

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
1	Approve Engineering Procurement and Construction Agreement	Complete		5/23/2008			
2	Issue POs to nuclear component fabricators for Units 2 & 3 Containment Vessels	Complete		12/3/2008			
3	Contractor Issue PO to Passive Residual Heat Removal Heat Exchanger Fabricator - First Payment - Unit 2	Complete		8/18/2008			
4	Contractor Issue PO to Accumulator Tank Fabricator - Unit 2	Complete		7/31/2008			
5	Contractor Issue PO to Core Makeup Tank Fabricator - Units 2 & 3	Complete		9/30/2008			
6	Contractor Issue PO to Squib Valve Fabricator - Units 2 & 3	Complete		3/31/2009			
7	Contractor Issue PO to Steam Generator Fabricator - Units 2 & 3	Complete		5/29/2008			
8	Contractor Issue Long Lead Material PO to Reactor Coolant Pump Fabricator - Units 2 & 3	Complete		6/30/2008			
9	Contractor Issue PO to Pressurizer Fabricator - Units 2 & 3	Complete		8/18/2008			
10	Contractor Issue PO to Reactor Coolant Loop Pipe Fabricator - First Payment - Units 2 & 3	Complete		6/20/2008			
11	Reactor Vessel Internals - Issue Long Lead Material PO to Fabricator - Units 2 & 3	Complete		11/21/2008			
12	Contractor Issue Long Lead Material PO to Reactor Vessel Fabricator - Units 2 & 3	Complete		5/29/2008			
13	Contractor Issue PO to Integrated Head Package Fabricator - Units 2 & 3	Complete		7/31/2009			
14	Control Rod Drive Mechanism Issue PO for Long Lead Material to Fabricator - Units 2 & 3 - first payment	Complete		6/21/2008			
15	Issue POs to nuclear component fabricators for Nuclear Island structural CA20 Modules	Complete		8/28/2009			
16	Start Site Specific and balance of plant detailed design	Complete		9/11/2007			
17	Instrumentation & Control Simulator - Contractor Place Notice to Proceed - Units 2 & 3	Complete		10/31/2008			
18	Steam Generator - Issue Final PO to Fabricator for Units 2 & 3	Complete		6/30/2008			
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			

Legend  = Completed  = Completed this Quarter

Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
20	Contractor Issue Final PO to Reactor Vessel Fabricator - Units 2&3	Complete		9/30/2008			
21	Variable Frequency Drive Fabricator Issue Transformer PO - Units 2&3	Complete		4/30/2009			
22	Start clearing, grubbing and grading	Complete		1/26/2009			
23	Core Makeup Tank Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/31/2008			
24	Accumulator Tank Fabricator Issue Long Lead Material PO - Units 2&3	Complete		10/31/2008			
25	Pressurizer Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/31/2008			
26	Reactor Coolant Loop Pipe - Contractor Issue PO to Fabricator - Second Payment - Units 2 & 3	Complete		4/30/2009			
27	Integrated Head Package - Issue PO to Fabricator - Units 2 and 3 - second payment	Complete		7/31/2009			
28	Control Rod Drive Mechanisms - Contractor Issue PO for Long Lead Material to Fabricator - Units 2 & 3	Complete		6/30/2008			
29	Contractor Issue PO to Passive Residual Heat Removal Heat Exchanger Fabricator - Second Payment - Units 2 & 3	Complete		10/31/2008			
30	Start Parr Road intersection work	Complete		2/13/2009			
31	Reactor Coolant Pump - Issue Final PO to Fabricator - Units 2 & 3	Complete		6/30/2008			
32	Integrated Heat Packages Fabricator Issue Long Lead Material PO - Units 2 & 3	Complete		10/1/2009			
33	Design Finalization Payment 3	Complete		1/30/2009			
34	Start site development	Complete		6/23/2008			
35	Contractor Issue PO to Turbine Generator Fabricator - Units 2 & 3	Complete		2/19/2009			
36	Contractor Issue PO to Main Transformers Fabricator - Units 2 & 3	Complete		9/25/2009			
37	Core Makeup Tank Fabricator Notice to Contractor Receipt of Long Lead Material - Units 2 & 3	Complete		12/30/2010			
38	Design Finalization Payment 4	Complete		4/30/2009			
39	Turbine Generator Fabricator Issue PO for Condenser Material - Unit 2	Complete		8/28/2009			

Legend  = Completed  = Completed this Quarter

**Appendix 1
VC Summer Units 2 and 3**

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
40	Reactor Coolant Pump Fabricator Issue Long Lead Material Lot 2 - Units 2 & 3	Complete		4/30/2009			
41	Passive Residual Heat Removal Heat Exchanger Fabricator Receipt of Long Lead Material - Units 2 & 3	Complete		5/27/2010			
42	Design Finalization Payment 5	Complete		7/31/2009			
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			
44	Reactor Vessel Fabricator Notice to Contractor of Receipt of Flange Nozzle Shell Forging - Unit 2	Complete		8/28/2009			
45	Design Finalization Payment 6	Complete		10/7/2009			
46	Instrumentation and Control Simulator - Contractor Issue PO to Subcontractor for Radiation Monitor System - Units 2 & 3	Complete		12/17/2009			
47	Reactor Vessel Internals - Fabricator Start Fit and Welding of Core Shroud Assembly - Unit 2	Complete		7/29/2011			
48	Turbine Generator Fabricator Issue PO for Moisture Separator Reheater/Feedwater Heater Material - Unit 2	Complete		4/30/2010			
49	Reactor Coolant Loop Pipe Fabricator Acceptance of Raw Material - Unit 2	Complete		2/18/2010			
50	Reactor Vessel Internals - Fabricator Start Weld Neutron Shield Spacer Pads to Assembly - Unit 2	Complete		8/28/2012			
51	Control Rod Drive Mechanisms - Fabricator to Start Procurement of Long Lead Material - Unit 2	Complete		6/30/2009			
52	Contractor Notified that Pressurizer Fabricator Performed Cladding on Bottom Head - Unit 2	Complete		12/23/2010			
53	Start excavation and foundation work for the standard plant for Unit 2	Complete		3/15/2010			
54	Steam Generator Fabricator Notice to Contractor of Receipt of 2nd Steam Generator Tubesheet Forging - Unit 2	Complete		4/30/2010			
55	Reactor Vessel Fabricator Notice to Contractor of Outlet Nozzle Welding to Flange Nozzle Shell Completion - Unit 2	Complete		12/30/2010			

Legend  = Completed  = Completed this Quarter


Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
56	Turbine Generator Fabricator Notice to Contractor Condenser Fabrication Started - Unit 2	Complete		5/17/2010			
57	Complete preparations for receiving the first module on site for Unit 2	Complete		1/22/2010			
58	Steam Generator Fabricator Notice to Contractor of Receipt of 1st Steam Generator Transition Cone Forging - Unit 2	Complete		4/21/2010			
59	Reactor Coolant Pump Fabricator Notice to Contractor of Manufacturing of Casing Completion - Unit 2	Complete		11/16/2010			
60	Reactor Coolant Loop Pipe Fabricator Notice to Contractor of Machining, Heat Treating & Non-Destructive Testing Completion - Unit 2	Complete		3/20/2012			
61	Core Makeup Tank Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 2	Complete		11/26/2012			
62	Polar Crane Fabricator Issue PO for Main Hoist Drum and Wire Rope - Units 2 & 3	Complete		2/1/2011			
63	Control Rod Drive Mechanisms - Fabricator to Start Procurement of Long Lead Material - Unit 3	Complete		6/14/2011			
64	Turbine Generator Fabricator Notice to Contractor Condenser Ready to Ship - Unit 2	Complete		3/26/2012			
65	Start placement of mud mat for Unit 2	Complete		7/20/2012			
66	Steam Generator Fabricator Notice to Contractor of Receipt of 1st Steam Generator Tubing - Unit 2	Complete		9/28/2010			
67	Pressurizer Fabricator Notice to Contractor of Welding of Upper and Intermediate Shells Completion - Unit 2	Complete		10/28/2011			
68	Reactor Vessel Fabricator Notice to Contractor of Closure Head Cladding Completion - Unit 3	Complete		6/28/2012			
69	Begin Unit 2 first nuclear concrete placement	Complete		3/9/2013			
70	Reactor Coolant Pump Fabricator Notice to Contractor of Stator Core Completion - Unit 2	Complete		12/1/2011			
71	Fabricator Start Fit and Welding of Core Shroud Assembly - Unit 2	Complete		7/29/2011			
72	Steam Generator Fabricator Notice to Contractor of Completion of 1st Steam Generator Tubing Installation - Unit 2	Complete		1/27/2012			

Legend  = Completed  = Completed this Quarter

Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
73	Reactor Coolant Loop Pipe-Shipment of Equipment to Site - Unit 2	Complete		12/19/2013			
74	Control Rod Drive Mechanism - Ship Remainder of Equipment (Latch Assembly & Rod Travel Housing) to Head Supplier - Unit 2	Complete		7/16/2012			
75	Pressurizer Fabricator Notice to Contractor of Welding of Lower Shell to Bottom Head Completion - Unit 2	Complete		12/22/2011			
76	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Steam Generator Tubing Installation - Unit 2	Complete		5/4/2012			
77	Design Finalization Payment 14	Complete		10/31/2011			
78	Set module CA04 for Unit 2	Complete		5/3/2014			
79	Passive Residual Heat Removal Heat Exchanger Fabricator Notice to Contractor of Final Post Weld Heat Treatment - Unit 2	Complete		5/24/2011			
80	Passive Residual Heat Removal Heat Exchanger Fabricator Notice to Contractor of Completion of Tubing - Unit 2	Complete		5/29/2012			
81	Polar Crane Fabricator Notice to Contractor of Girder Fabrication Completion - Unit 2	Complete		10/23/2012			
82	Turbine Generator Fabricator Notice to Contractor Condenser Ready to Ship - Unit 3	Complete		8/26/2013			
83	Set Containment Vessel ring #1 for Unit 2	Complete		6/3/2014			
84	Reactor Coolant Pump Fabricator Delivery of Casings to Port of Export - Unit 2	Complete		7/6/2013			
85	Reactor Coolant Pump Fabricator Notice to Contractor of Stator Core Completion - Unit 3	Complete		7/18/2013			
86	Reactor Vessel Fabricator Notice to Contractor of Receipt of Core Shell Forging - Unit 3	Complete		3/29/2012			
87	Contractor Notified that Pressurizer Fabricator Performed Cladding on Bottom Head - Unit 3	Complete		11/9/2011			
88	Set Nuclear Island structural module CA03 for Unit 2	Complete		7/22/2016			
89	Squib Valve Fabricator Notice to Contractor of Completion of Assembly and Test for Squib Valve Hardware - Unit 2	Complete		5/10/2012			
90	Accumulator Tank Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 3	Complete		9/16/2013			

Legend  = Completed  = Completed this Quarter


Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
91	Polar Crane Fabricator Notice to Contractor of Electric Panel Assembly Completion - Unit 2	Complete		3/6/2013			
92	Start containment large bore pipe supports for Unit 2	Complete		11/13/2014			
93	Integrated Head Package - Shipment of Equipment to Site - Unit 2	Complete		5/9/2014			
94	Reactor Coolant Pump Fabricator Notice to Contractor of Final Stator Assembly Completion - Unit 2	Complete		12/17/2013			
95	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Steam Generator Tubing Installation - Unit 3	Complete		2/7/2014			
96	Steam Generator Fabricator Notice to Contractor of Satisfactory Completion of 1st Steam Generator Hydrotest - Unit 2	Complete		1/14/2013			
97	Start concrete fill of Nuclear Island structural modules CA01 and CA02 for Unit 2	12/10/2016	11/30/2017				
98	Passive Residual Heat Removal Heat Exchanger - Delivery of Equipment to Port of Entry - Unit 2	Complete		4/25/2014			
99	Refueling Machine Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 2	Complete		1/8/2015			
100	Deliver Reactor Vessel Internals to Port of Export - Unit 2	Complete		1/29/2016			
101	Set Unit 2 Containment Vessel #3	Complete		6/9/2017			
102	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 2	Complete		1/16/2015			
103	Turbine Generator Fabricator Notice to Contractor Turbine Generator Ready to Ship - Unit 2	Complete		5/28/2013			
104	Pressurizer Fabricator Notice to Contractor of Satisfactory Completion of Hydrotest - Unit 3	Complete		3/28/2015			
105	Polar Crane - Shipment of Equipment to Site - Unit 2	Complete		3/22/2017			
106	Receive Unit 2 Reactor Vessel on site from fabricator	Complete		7/31/2013			
107	Set Unit 2 Reactor Vessel	Complete		8/30/2016			
108	Steam Generator Fabricator Notice to Contractor of Completion of 2nd Channel Head to Tubesheet Assembly Welding - Unit 3	Complete		4/24/2015			
109	Reactor Coolant Pump Fabricator Notice to Contractor of Final Stator Assembly Completion - Unit 3	Complete		8/30/2016			

Legend  = Completed  = Completed this Quarter



Appendix 1
VC Summer Units 2 and 3

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
110	Reactor Coolant Pump - Shipment of Equipment to Site (2 Reactor Coolant Pumps) - Unit 2	Complete		2/23/2017			
111	Place first nuclear concrete for Unit 3	Complete		11/2/2013			
112	Set Unit 2 Steam Generator	Complete		1/12/2017			
113	Main Transformers Ready to Ship - Unit 2	Complete		7/31/2013			
114	Complete Unit 3 Steam Generator Hydrotest at fabricator	Complete		8/21/2015			
115	Set Unit 2 Containment Vessel Bottom Head on basemat legs	Complete		5/22/2013			
116	Set Unit 2 Pressurizer Vessel	5/11/2017	7/26/2017				
117	Reactor Coolant Pump Fabricator Notice to Contractor of Satisfactory Completion of Factory Acceptance Test - Unit 3	7/1/2017	9/15/2017				
118	Deliver Reactor Vessel Internals to Port of Export - Unit 3	8/11/2017	7/5/2017				
119	Main Transformers Fabricator Issue PO for Material - Unit 3	Complete		1/15/2015			
120	Complete welding of Unit 2 Passive Residual Heat Removal System piping	5/19/2017	9/30/2017				
121	Steam Generator - Contractor Acceptance of Equipment at Port of Entry - Unit 3	Complete		3/16/2017			
122	Refueling Machine - Shipment of Equipment to Site - Unit 3	5/15/2017	8/16/2017				
123	Set Unit 2 Polar Crane	6/28/2017	6/25/2018				
124	Reactor Coolant Pumps - Shipment of Equipment to Site - Unit 3	9/1/2017	9/22/2017				
125	Main Transformers Ready to Ship - Unit 3	Complete		7/29/2015			
126	Spent Fuel Storage Rack - Shipment of Last Rack Module - Unit 3	Complete		9/3/2015			
127	Start electrical cable pulling in Unit 2 Auxiliary Building	10/6/2016	9/27/2017				
128	Complete Unit 2 Reactor Coolant System cold hydro	8/16/2018	3/18/2019				
129	Activate class 1E DC power in Unit 2 Auxiliary Building	11/1/2017	6/23/2018				
130	Complete Unit 2 hot functional test	11/17/2018	6/19/2019				
131	Install Unit 3 ring 3 for containment vessel	11/29/2017	7/13/2018				
132	Load Unit 2 nuclear fuel	5/10/2019	10/29/2019				
133	Unit 2 Substantial Completion	8/31/2019	4/2020		+8 Months	No	
134	Set Unit 3 Reactor Vessel	12/14/2017	11/22/2017				
135	Set Unit 3 Steam Generator #2	2/21/2018	5/5/2018				
136	Set Unit 3 Pressurizer Vessel	3/30/2018	6/12/2018				
137	Complete welding of Unit 3 Passive Residual Heat Removal System piping	4/11/2018	5/4/2018				

Legend  = Completed  = Completed this Quarter

**Appendix 1
VC Summer Units 2 and 3**

Tracking ID	Order No. 2016-794 Description	Order No. 2016-794	17-2Q Targeted Milestone Completion Date	Actual Completion Date	Delta Months from Order No. 2016-794 Date	Outside +18/-24 Months Contingency?	Notes
138	Set Unit 3 polar crane	5/24/2018	9/11/2018				
139	Start Unit 3 Shield Building roof slab rebar placement	7/7/2019	11/20/2019				
140	Start Unit 3 Auxiliary Building electrical cable pulling	5/18/2017	10/20/2017				
141	Activate Unit 3 Auxiliary Building class 1E DC power	9/21/2018	12/10/2018				
142	Complete Unit 3 Reactor Coolant System cold hydro	8/15/2019	9/14/2019				
143	Complete Unit 3 hot functional test	11/11/2019	12/10/2019				
144	Complete Unit 3 nuclear fuel load	3/11/2020	5/19/2020				
145	Begin Unit 3 full power operation	7/12/2020	10/7/2020				
146	Unit 3 Substantial Completion	8/31/2020	12/2020		+4 Months	No	

Legend  = Completed  = Completed this Quarter

VIII. 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 June 30, 2017

Appendix 2 is an updated and expanded version of the information contained in the capital cost schedule approved by the Commission in Order No. 2016-794.

Appendix 2 shows the actual expenditures on the project by plant cost category through the current period.

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 2016-794 Adjusted	Total	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Annual Project Cash Flow(per order)	7,336,888	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	952,397	1,335,245	965,395	463,740	141,010
Capital Cost Rescheduling Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Budget Carry-Forward Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net	7,336,888	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	952,397	1,335,245	965,395	463,740	141,010
Adjusted for Change in Escalation	7,326,855	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	955,124	1,329,184	960,987	462,189	140,270
Cumulative Project Cash Flow(Target)		21,723	122,629	462,632	861,183	1,210,244	1,773,190	2,310,759	2,822,724	3,479,101	4,434,225	5,763,409	6,724,396	7,186,585	7,326,855
Actual through June 2017*															
	Total	Actual													
Plant Cost Categories		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017			
Fixed with No Adjustment	1,720,409	4,628	35,199	22,066	67,394	50,551	66,057	22,960	11,634	366,348	727,099	346,474			
Firm with Fixed Adjustment A	266,750	-	-	63,250	27,500	24,200	75,075	42,900	7,700	26,125	-	-			
Firm with Fixed Adjustment B	238,868	-	5,499	35,768	49,513	39,371	45,043	31,048	22,834	9,791	-	-			
Firm with Indexed Adjustment	873,741	-	45,869	148,713	115,172	137,871	118,769	150,530	129,994	26,822	0	-			
Actual Craft Wages	133,306	-	312	1,937	9,779	11,682	21,091	25,217	38,785	24,503	0	-			
Non-Labor Costs	406,936	-	1,271	31,255	79,778	9,298	65,227	70,154	105,390	44,564	(0)	-			
Time & Materials	15,787	-	1,013	155	1,004	764	1,878	2,300	4,055	2,048	2,461	109			
Owners Costs	408,748	17,096	8,198	15,206	23,743	29,276	43,643	47,245	51,807	56,885	73,152	42,498			
Transmission Costs	253,191	-	26	724	927	11,964	51,677	56,593	46,439	44,401	31,412	9,028			
Total Base Project Costs(2007 \$)	4,317,736	21,723	97,386	319,073	374,810	314,977	488,461	448,947	418,639	601,486	834,124	398,109			
Total Project Escalation	418,968	-	3,519	20,930	23,741	34,084	74,485	88,622	93,326	54,891	18,156	7,213			
Total Revised Project Cash Flow	4,736,704	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	852,280	405,322			
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	4,331,382	4,736,704			
AFUDC(Capitalized Interest)	192,616	645	3,497	10,564	17,150	14,218	18,941	27,722	26,131	22,202	30,817	20,729			
Gross Construction	4,929,320	22,368	104,403	350,567	415,701	363,278	581,886	565,291	538,096	678,580	883,097	426,052			
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	4,503,268	4,929,320			

*Applicable index escalation rates for 2017 are estimated. Escalation is subject to restatement when actual indices for 2017 are final.

Notes:

2017-2020 AFUDC rate applied

6.06%

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.

Spending through June 30, 2017, reflects actual amounts. Spending beyond June 30, 2017, is subject to on-going evaluation in light of the decision to abandon the Units. In addition, the approved capital cost targets have not been adjusted to reflect the currently reported historical escalation rates

IX. 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 June 30, 2017

For comparison purposes, **Appendix 3** provides the schedule of capital costs for the project which was approved by the Commission in Order No. 2016-794 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. 2016-794. **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.

Appendix 3

RESTATED and UPDATED CONSTRUCTION EXPENDITURES

(Thousands of \$)

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

Per Order 2016-794

Plant Cost Categories	Total	Actual									Projected				
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fixed with No Adjustment	3,657,459	4,628	35,199	22,066	67,394	50,551	66,057	22,960	11,634	366,348	753,742	1,110,388	756,960	325,881	63,652
Firm with Fixed Adjustment A	266,750	-	-	63,250	27,500	24,200	75,075	42,900	7,700	26,125	-	-	-	-	-
Firm with Fixed Adjustment B	238,868	-	5,499	35,768	49,513	39,371	45,043	31,048	22,834	9,791	-	-	-	-	-
Firm with Indexed Adjustment	873,741	-	45,869	148,713	115,172	137,871	118,769	150,530	129,994	26,822	0	-	-	-	-
Actual Craft Wages	133,306	-	312	1,937	9,779	11,682	21,091	25,217	38,785	24,503	0	-	-	-	-
Non-Labor Costs	406,936	-	1,271	31,255	79,778	9,298	65,227	70,154	105,390	44,564	(0)	-	-	-	-
Time & Materials	60,816	-	1,013	155	1,004	764	1,878	2,300	4,055	2,048	6,761	9,413	24,329	6,686	410
Owners Costs	837,363	17,096	8,198	15,206	23,743	29,276	43,643	47,245	51,807	56,885	113,992	133,978	127,821	106,102	62,372
Transmission Costs	329,512	-	26	724	927	11,964	51,677	56,593	46,439	44,401	56,471	47,360	12,930	-	-
Total Base Project Costs(2007 \$)	6,804,751	21,723	97,386	319,073	374,810	314,977	488,461	448,947	418,639	601,486	930,966	1,301,139	922,040	438,669	126,434
Total Project Escalation	532,137	-	3,519	20,930	23,741	34,084	74,485	88,622	93,326	54,891	21,431	34,105	43,355	25,071	14,576
Total Revised Project Cash Flow	7,336,888	21,723	100,905	340,003	398,551	349,061	562,946	537,569	511,965	656,378	952,397	1,335,245	965,395	463,740	141,010
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	4,431,498	5,766,743	6,732,139	7,195,878	7,336,888
AFUDC(Capitalized Interest)	321,322	645	3,497	10,564	17,150	14,218	18,941	27,722	26,131	22,202	33,731	60,930	53,505	23,121	8,965
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	4,606,299	6,002,474	7,021,374	7,508,235	7,658,210

X. 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 June 30, 2017

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

Appendix 4, Chart A

Inflation Indices, Chart A

HW All Steam Generation Plant Index, January 2017

<u>Year</u>	<u>Index</u>	<u>Yr/Yr change</u>	<u>Three Year Average</u>	<u>Five Year Average</u>	<u>Ten Year Average</u>
2017	651	2.52%	2.76%	2.39%	3.15%
2016	635	2.58%	1.53%	2.79%	3.76%
2015	619	3.17%	2.28%	2.94%	
2014	600	-1.15%	2.73%	2.05%	
2013	607	4.84%	4.24%	3.25%	
2012	579	4.51%	2.19%	3.91%	
2011	554	3.36%	2.30%	4.73%	
2010	536	-1.29%	3.89%		
2009	543	4.83%	7.19%		
2008	518	8.14%			
2007	479	8.62%			
2006	441				

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Order 2016-794 Jan-16	Update Jan-17
<u>HW All Steam Index:</u>							
One year	7.68%	4.83%	4.79%	4.51%	2.52%	2.58%	2.52%
Five Year	5.74%	7.19%	5.31%	3.91%	3.21%	2.79%	2.39%

Appendix 4, Chart B

Inflation Indices, Chart B

HW All Steam and Nuclear Generation Plant Index, July 2016

<u>Year</u>	<u>Index</u>	<u>Yr/Yr change</u>	<u>Three Year Average</u>	<u>Five Year Average</u>	<u>Ten Year Average</u>
2017	652	2.52%	2.81%	2.46%	3.17%
2016	636	2.75%	1.53%	2.86%	3.80%
2015	619	3.17%	2.35%	2.95%	
2014	600	-1.32%	2.80%	2.09%	
2013	608	5.19%	4.29%	3.32%	
2012	578	4.52%	2.20%	3.87%	
2011	553	3.17%	2.30%	4.74%	
2010	536	-1.11%	3.89%		
2009	542	4.84%	7.21%		
2008	517	7.93%			
2007	479	8.86%			
2006	440				

<u>HW All Steam/Nuclear Index:</u>	BLRA Filing Jul-07	Order 2010-12 <u>Jan-09</u>	Order 2011-345 <u>Jul-10</u>	Order 2012-884 <u>Jan-12</u>	Order 2015-661 <u>Jul-14</u>	Order 2016-794 <u>Jan-16</u>	Update <u>Jan-17</u>
One year	7.69%	4.84%	4.60%	4.52%	2.52%	2.75%	2.52%
Five Year	5.75%	7.20%	5.32%	3.87%	3.21%	2.86%	2.46%

Appendix 4, Chart C

Inflation Indices, Chart C

HW All Transmission Plant Index, January 2017

<u>Year</u>	<u>Index</u>	<u>Yr/Yr change</u>	<u>Three Year Average</u>	<u>Five Year Average</u>	<u>Ten Year Average</u>
2017	630	1.78%	1.92%	1.75%	2.37%
2016	619	1.48%	1.22%	1.89%	3.11%
2015	610	2.52%	1.82%	1.88%	
2014	595	-0.34%	1.81%	0.55%	
2013	597	3.29%	2.40%	2.10%	
2012	578	2.48%	-0.07%	3.00%	
2011	564	1.44%	1.57%	4.33%	
2010	556	-4.14%	3.68%		
2009	580	7.41%	8.11%		
2008	540	7.78%			
2007	501	9.15%			
2006	459				

<u>HW All Transmission Plant Index</u>	BLRA Filing Jul-07	<u>Order 2010-12 Jan-09</u>	<u>Order 2011-345 Jul-10</u>	<u>Order 2012-884 Jan-12</u>	<u>Order 2015-661 Jul-14</u>	<u>Order 2016-794 Jan-16</u>	<u>Update Jan-17</u>
One year	8.82%	7.41%	5.08%	2.48%	1.68%	1.48%	1.78%
Five Year	6.86%	8.60%	5.23%	3.00%	2.63%	1.89%	1.75%

Appendix 4

Inflation Indices, Chart D

GDP Chained Price Index, 2017

SERIESTYPE	UNIT	SHORT LABEL				ID	2009	2010	2011	2012	2013	2014	2015	2016
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	101.23	103.32	105.22	106.92	108.84	110.00	111.45
Annual Percent change								1.23%	2.06%	1.84%	1.61%	1.80%	1.07%	1.32%
3-Year Annual Percent change										1.71%	1.84%	1.75%	1.49%	1.39%
5-Year Annual Percent change												1.71%	1.68%	1.53%
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	2.18	2.25	2.30	2.33	2.37	2.37	2.40
Percent change								1.40%	3.21%	2.22%	1.30%	1.72%	0.00%	1.27%
3-Year Annual Percent change										2.28%	2.25%	1.75%	1.01%	0.99%
5-Year Annual Percent change												1.97%	1.69%	1.30%
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	1.80	1.91	1.94	1.97	2.00	1.94	1.92
Percent change								4.05%	6.11%	1.57%	1.55%	1.52%	-3.00%	-1.03%
3-Year Annual Percent change										3.91%	3.08%	1.55%	0.02%	-0.84%
5-Year Annual Percent change												2.96%	1.55%	0.12%

	BLRA Filing Jul-07	Order 2010-12 Jan-09	Order 2011-345 Jul-10	Order 2012-884 Jan-12	Order 2015-661 Jul-14	Order 2016-794 Jan-16	Update Jan-17
<u>GDP Chained Price Index</u>							
One year	2.66%	2.24%	0.43%	2.11%	1.55%	1.00%	1.32%
Five Year	2.81%	2.86%	1.97%	1.69%	1.55%	1.64%	1.53%

XI. 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 June 30, 2017

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.