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July 16, 2013  
RC-13-0090

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555-0001

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1  
DOCKET NO. 50-395  
OPERATING LICENSE NO. NPF-12  
LICENSE AMENDMENT REQUEST LAR-13-02396  
REQUEST FOR NRC APPROVAL OF RADIATION EMERGENCY PLAN CHANGE

Dear Sir or Madam:

In accordance with the provisions of Section 50.54(q) and 50.90 of Title 10 of the Code of Federal Regulations (10 CFR), South Carolina Electric & Gas Company, acting for itself and as agent for South Carolina Public Service Authority, hereby submits a proposed change to the Virgil C. Summer Nuclear Station's (VCSNS) Radiation Emergency Plan to the Nuclear Regulatory Commission for review and approval.

VCSNS Unit 1 is proposing changes to its Radiation Emergency Plan (EP). The changes have been evaluated under 10 CFR 50.54(q) and possible reductions in effectiveness have been identified; therefore the changes require prior NRC approval. The proposed changes include the following: activation time change; relocation of the Technical Support Center (TSC); realignment of Emergency Response Organization positions, titles, and responsibilities; transfer of notification responsibilities; relocation of engineering support personnel to the TSC, and editorial enhancements.

The proposed changes have been evaluated under 10 CFR 50.54(q) and taken in total may result in a reduction in the effectiveness of the emergency plan. The proposed changes to the plan will continue to meet the requirements of 10 CFR 50 Appendix E and the planning standards of 10 CFR 50.47(b). In addition, the relocation of the TSC to the new Nuclear Operations Building (NOB) is an alternate method to the requirements of NUREG-0696, "Functional Criteria for Emergency Response Facilities," and therefore prior NRC approval is required. The NRC has approved this alternate method in VCSNS Units 2 & 3 Combined Operating License Application (COLA) Emergency Plan Final Safety Evaluation Report (FSER) (ML110450305, ML110310185, and ML111320113). Attachment I is the analysis of proposed radiation emergency plan change. Attachment II is a map of new VCSNS facilities. Attachment III is a Cross Reference of Emergency Plan Changes to Attachment I Section 2.0. Attachment IV provides the evaluation and effectiveness assessment performed by VCSNS pursuant to 10 CFR 50.54(q). Attachment V is the Proposed Radiation Emergency Plan, (EP-100 Revision 62) (Mark-Up). Attachment VI is the Proposed Radiation Emergency Plan (EP-100 Revision XX) (Retyped).

In accordance with 10 CFR 50.91, a copy of this application, with attachments, is being provided to the designated South Carolina Official.

AXYS  
NRR

There are no regulatory commitments contained in this letter.

SCE&G requests approval of the proposed changes by July 16, 2014, with an implementation date of 120 days after issuance of amendment, to permit program changes and training.

This proposed change has been reviewed and approved by both the VCSNS Plant Safety Review Committee and the VCSNS Nuclear Safety Review Committee.

If you have any questions about this submittal, please contact Mr. Bruce L. Thompson at (803) 931-5042.

I certify under penalty of perjury that the information contained herein is true and correct.

7-16-2013  
Executed on

Dan Gatlins  
Thomas D. Gatlins

SBQ/TDG/mm

Attachments: VI

- I. Analysis of Proposed Radiation Emergency Plan Change
- II. Map of New VCSNS Facilities
- III. Cross Reference of Radiation Emergency Plan Changes to Attachment I Section 2.0
- IV. Licensee's 10 CFR 50.54(q) Evaluation of the Proposed Change(s)
- V. Proposed Radiation Emergency Plan (EP-100 Revision 62) (Mark-Up)
- VI. Proposed Radiation Emergency Plan (EP-100 Revision XX) (Retyped)

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File (810.10, RR 6100)  
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