

May 17, 2013

Mr. Ronald A. Jones, Vice President
New Nuclear Operations
South Carolina Electric & Gas Company
14368 State Highway 213
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS COMPANY'S
REQUEST FOR LICENSE AMENDMENT (LAR 13-10) FOR THE VIRGIL C.
SUMMER NUCLEAR STATION UNITS 2 AND 3: REVISION TO AP1000 HUMAN
FACTORS ENGINEERING, INTEGRATED SYSTEM VALIDATION
PLAN/GEH-320 (RQ0328)

Dear Mr. Jones:

By letter dated March 13, 2013 (Agencywide Documents Access and Management System Accession No. ML13074A731), South Carolina Electric & Gas Company (SCE&G) submitted a license amendment request (LAR) for the Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3. The proposed LAR would depart from the plant-specific Design Control Document Tier 2* material by revising reference document APP-OCS-GEH-320, "AP1000 Human Factors Engineering Integrated System Validation Plan" from Revision D to Revision 2. APP-OCS-GEH-320 is incorporated by reference in the updated final safety analysis report as a means to implement the activities associated with the human factors engineering verification and validation. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this LAR. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 52.79 of the 10 CFR addresses content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment.

Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-0681 or denise.mcgovern@nrc.gov.

Sincerely,

/RA/

Denise McGovern, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No(s): 52-027
52-028

cc: See next page

Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-0681 or denise.mcgovern@nrc.gov.

Sincerely,

/RA/

Denise McGovern, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No(s): 52-027
52-028

cc: See next page

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(Revised 05/09/2013)

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