

August 11, 2016

Mr. Ronald A. Jones, Vice President  
South Carolina Electric & Gas Company  
New Nuclear Deployment  
P.O. Box 88  
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS  
COMPANY'S REQUEST FOR LICENSE AMENDMENT FOR THE VIRGIL C.  
SUMMER NUCLEAR STATION, UNITS 2 AND 3 RE: CONTAINMENT  
INTERNAL FLOOR MODULE CONNECTIONS (LAR 13-24) (CAC NO. RQ0461)

Dear Mr. Jones:

By letters dated June 16, 2016, and August 8, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML16168A257 and ML16221A649, respectively), the South Carolina Electric & Gas Company (SCEG/licensee), on behalf of itself and the South Carolina Public Service Authority (Santee Cooper) submitted a license amendment request (LAR 13-24) for the Combined License (COL) Numbers NPF-93 and NPF-94, for the Virgil C. Summer Nuclear Station, Units 2 and 3. The requested amendment, as revised, proposes to depart from approved AP1000 Design Control Document (DCD) Tier 2\* and associated Tier 2 information in the Updated Final Safety Analysis Report (UFSAR) which includes the plant-specific DCD Tier 2 information. Specifically, the requested amendment proposes to depart from UFSAR text and figures that describe the connections between floor modules and structural wall modules in the containment internal structures.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of the LAR. The staff performed the acceptance review to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. Through this review, the staff also determined 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 Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.90, an amendment to the license must fully describe the changes requested, and follow as far as applicable, the form prescribed for original applications. Section 52.79 of the 10 CFR addresses the 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 against the regulatory requirements and has concluded that it provides sufficient technical detail to enable the NRC staff to complete its detailed review and make an independent assessment regarding the acceptability of the proposed changes in terms of the 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 affect 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) 415-5848 or [Bill.Gleaves@nrc.gov](mailto:Bill.Gleaves@nrc.gov).

Sincerely,

*/RA/*

William (Billy) Gleaves, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

cc: See next page

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

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If you have any questions, please contact me at (301) 415-5848 or Bill.Gleaves@nrc.gov.

Sincerely,

*/RA/*

William (Billy) Gleaves, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

cc: See next page

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(Revised 03/10/2016)

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