

January 13, 2016

Mr. Ronald A. Jones, Vice President
New Nuclear Deployment
P.O. Box 88
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS
COMPANY'S REQUEST FOR LICENSE AMENDMENT AND EXEMPTION FOR
THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3:
RADIOLOGICALLY CONTROLLED AREA VENTILATION SYSTEM DESIGN
CHANGES (CAC NO. RQ0466) (LAR 15-15)

Dear Mr. Jones:

By letter dated December 17, 2015, (Agencywide Documents Access and Management System Accession No. ML15351A165), South Carolina Electric & Gas Company (SCE&G) submitted a request for a license amendment and exemption for the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 (Combined License (COL) Nos. NPF-93 and NPF-94). In that letter, SCE&G proposes to depart from certified AP1000 Tier 1 information and from the plant-specific Tier 2 Updated Final Safety Analysis Report information by reconfiguring the signal processing in the two processor cabinets currently planned for the Annex Building and relocating the cabinets to the Auxiliary Building. The proposed change also change the hardware and reduce the number of functions of the cabinet as well as changing the power supply to one backed by separate diesel generators. The application also proposes conforming changes to COL Appendix C on inspections, tests, analyses, and acceptance criteria.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of these requests. The acceptance review was to determine if there was sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. The acceptance review was 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 Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.90, an application for an amendment to the license must fully describe the changes requested, and follow as far as applicable, the form prescribed for original applications. 10 CFR Section 52.79 addresses content of technical information that is required for COL application Final Safety Analysis Reports. 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 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 arise issues that impact the NRC staff's ability to complete the detailed technical review despite 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.

Sincerely,

/RA/

William (Billy) Gleaves, 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

R. A. Jones

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(Revised 12/08/2015)

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