

December 23, 2015

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 AND EXEMPTION FOR
THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3: RELOCATION
OF AIR-COOLED CHILLER PUMP 3 (CAC NO. RQ0448) (LAR 13-31)

Dear Mr. Jones:

By letter dated October 21, 2015, (Agencywide Documents Access and Management System Accession No. ML15295A090), 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 DCD Tier 1 information and from the plant-specific Tier 2 and Tier 2* information in the Updated Final Safety Analysis Report (UFSAR) for VCSNS Units 2 and 3 by modifying the overall design of the Central Chilled Water subsystem to relocate the Air Cooled Chiller Pump 3 (VWS-MP-03) and associated equipment from the Auxiliary Building to the Annex Building, for each unit respectively. The proposed changes include information in the combined license, Appendix C. An exemption request relating to the proposed changes to the AP1000 DCD Tier 1 is included with the request.

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 is 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 and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical reviews 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 impacts 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.

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

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 reviews 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 impacts 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.

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Docket Nos.: 52-027
52-028

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(Revised 12/08/2015)

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