

April 25, 2016

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

SUBJECT: ACCEPTANCE REVIEW FOR LICENSE AMENDMENT REQUEST FOR THE
VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3: UPDATE OF
COMMON QUALIFIED (COMMON Q) PLATFORM SOFTWARE PROGRAM
MANUAL AND TOPICAL REPORT (LAR 13-35) (CAC NO. RQ0463)

Dear Mr. Jones:

By letter dated March 4, 2016, (Agencywide Documents Access and Management System Accession No. ML16067A145), the South Carolina Electric & Gas Company acting on the behalf of the South Carolina Public Service Authority (both hereafter called the licensee) submitted a request for a license amendment for the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 (Combined License (COL) Nos. NPF-93 and NPF-94). In that letter, the licensee discussed the proposed changes to the VCSNS Updated Final Safety Analysis Report (UFSAR). The proposed changes would depart from the approved AP1000 Design Control Document (DCD) "Tier 2" and "Tier 2*" information as currently incorporated into the VCSNS UFSAR. The changes relate to updating the UFSAR text and tables, and information incorporated by reference related to Westinghouse Reports WCAP-16096, "Software Program Manual for Common Q™ Systems," (also known as the Common Q SPM) Revision 4, and WCAP-16097, "Common Qualified Platform Topical Report," (also known as the Common Q Topical Report) Revision 3.

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 is to determine if there was sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. In addition, the acceptance review identifies 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 affect the NRC staff's ability to complete the detailed technical review despite an adequate acceptance review. The NRC will advise you by separate correspondence if additional information is required to support the staff's detailed technical review.

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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NRO-002

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DATE	4/21/16	4/18/16	3/18/16	4/21/16

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