

October 31, 2016

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

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 – ISSUANCE OF
AMENDMENT NO. 53 AND GRANTING OF EXEMPTION REGARDING THE
RADIATION CONTROLLED AREA VENTILATION SYSTEM (VAS) DESIGN
CHANGES – LAR 15-15 (CAC NO. RQ0466)

Dear Mr. Jones:

In response to your application dated December 17, 2015, as supplemented by letter dated August 25, 2016, the U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 53 and granted the enclosed Exemption to Combined Licenses (COL) Nos. NPF-93 and NPF-94 for the Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3, respectively. The amendment consists of changes to the plant-specific Updated Final Safety Analysis Report (UFSAR) which are departures from the incorporated AP1000 Design Control Document (DCD) Tier 2 information, and involves corresponding changes to plant-specific Tier 1 information and the associated COL Appendix C information for VCSNS Units 2 and 3.

The exemption allows changes from elements of the certified information in Tier 1 of the AP1000 Certified DCD, as specified in License Amendment Request 15-15. The exemption relates to changes for the auxiliary building exhaust radiation detector and annex building exhaust radiation detector and the addition of an annex building exhaust radiation detector in a separate building zone exhaust duct. The amendment authorizes changes to the UFSAR 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 amendment also reflects changes in the hardware and reductions in the number of functions of the cabinet as well as changes in the power supply to one backed by separate diesel generators. The changes also include conforming changes to COL Appendix C tables.

A copy of the related Safety Evaluation, which includes the evaluation of the amendment and exemption, is also enclosed. The notice of issuance of the amendment and the exemption documents included in this letter will be published in the *Federal Register*.

Sincerely,

/RA/

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

Docket Nos.: 52-027 and 52-028

Enclosures:

1. Amendment No. 53 to VCSNS Unit 2 COL
2. Amendment No. 53 to VCSNS Unit 3 COL
3. Exemption for VCSNS Unit 2 COL
4. Exemption for VCSNS Unit 3 COL
5. Safety Evaluation

cc: See next page

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