

May 2, 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. 45 AND GRANTING OF EXEMPTION REGARDING THE
ADDITION OF INSTRUMENTS TO DESIGN RELIABILITY ASSURANCE
PROGRAM (D-RAP) (CAC NO. RQ0455)

Dear Mr. Jones:

In response to your application dated July 6, 2015, as supplemented by letter dated March 24, 2016, the U.S. Nuclear Regulatory Commission has granted the enclosed Exemption and issued the enclosed Amendment No. 45 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 Updated Final Safety Analysis Report in the form of departures from the incorporated AP1000 Design Control Document (DCD) Tier 2 information, and involves corresponding changes to 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 14-10. The amendment authorizes changes to the COL by making changes to the control logic for actuation of the startup feedwater pumps to support their defense-in-depth function of core decay heat removal.

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. 45 to VCSNS Unit 2 COL
2. Amendment No. 45 to VCSNS Unit 3 COL
3. Attachment for VCSNS Unit 2
4. Attachment for VCSNS Unit 3
5. Exemption for VCSNS Unit 2 COL
6. Exemption for VCSNS Unit 3 COL
7. Safety Evaluation

cc: See next page

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(Revised 03/10/2016)

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