

June 2, 2015

Mr. Ronald A. Jones, Vice President  
New Nuclear Operations  
South Carolina Electric & Gas Company  
14368 State Highway 213  
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 – ISSUANCE OF  
AMENDMENT: HUMAN FACTORS ENGINEERING OPERATIONAL SEQUENCE  
ANALYSIS TASK UPDATE AND REMOVAL OF WCAP-15847 (LAR 14-019)  
(TAC NO. RQ0439)

Dear Mr. Jones:

The U.S. Nuclear Regulatory Commission (NRC) has issued the enclosed Amendment No. 26 to Combined Licenses Nos. NPF-93 and NPF-94 for the Virgil C. Summer Nuclear Station, Units 2 and 3 (VCSNS), respectively. The amendment consists of changes to the Updated Final Safety Analysis Report (UFSAR) for VCSNS Units 2 and 3 in response to your January 27, 2015, application.

The proposed amendment would revise the VCSNS Units 2 and 3 UFSAR by permitting 1) a deletion of WCAP-15847, "AP1000 Quality Assurance Procedures Supporting NRC Review of AP1000 DCD Sections 18.2 and 18.8," from the Tier 2\* portion of the UFSAR in Table 1.6-1 and Section 18.2.7 and 2) a clarification of a human factors engineering (HFE) operational sequence analysis (OSA) task related to the automatic depressurization system (ADS) in Section 18.5.1. The deletion of WCAP-15847 is requested because that WCAP identifies documents that were used to support the AP1000 Design Certification that have since been superseded or deleted. The change to the OSA task description is requested to correct the reactor mode for the ADS valve testing during which this task will be analyzed. The proposed LAR involves changes to the approved VCSNS Units 2 and 3 UFSAR Tier 2\* information.

A copy of the related Safety Evaluation is also enclosed. The notice of issuance of the amendment included in this letter will be published in the *Federal Register*.

Sincerely,

**/RA/**

William (Billy) Gleaves, Senior Project Manager  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket No(s): 52-027  
52-028

Enclosures:

1. Amendment No. 26 to VCSNS Unit 2, COL
2. Amendment No. 26 to VCSNS Unit 3, COL
3. Safety Evaluation

cc w/encls: See next page

A copy of the related Safety Evaluation is also enclosed. The notice of issuance of the amendment included in this letter will be published in the *Federal Register*.

Sincerely,

**/RA/**

William (Billy) Gleaves, Senior Project Manager  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket No(s): 52-025  
52-026

Enclosures:

1. Amendment No. 26 to VCSNS Unit 2, COL
2. Amendment No. 26 to VCSNS Unit 3, COL
3. Safety Evaluation

cc w/encls: See next page

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(Revised 04/27/2015)

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