

November 16, 2017

Docket Nos.: 52-025  
52-026

ND-17-1951  
10 CFR 50.90

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4  
Supplement to Request for License Amendment:  
Chemical Addition with Reactor Coolant Pumps Not in Operation (LAR-17-019S1)

Ladies and Gentlemen:

Pursuant to 10 CFR 52.98(c) and in accordance with 10 CFR 50.90, Southern Nuclear Operating Company (SNC) previously requested an amendment to the combined licenses (COLs) for Vogtle Electric Generating Plant (VEGP) Units 3 and 4 (License Nos. NPF-91 and NPF-92, respectively). The requested amendment proposes changes to the Updated Final Safety Analysis Report (UFSAR) in the form of departures from the Plant-Specific Design Control Document (DCD) Tier 2 information and involves changes to the VEGP Units 3 and 4 COL Appendix A, Technical Specifications (TS).

SNC originally submitted this request by letter SNC ND-17-0894, dated May 31, 2017 [ADAMS Accession Number ML17151A296], and the license amendment request (LAR) was subsequently accepted for review.

Subsequent review of the proposed TS changes has identified an improved format. The improved format does not involve any changes to the wording, and therefore does not introduce any new technical change. This supplement updates LAR-17-019 to reflect these format changes as shown in Enclosure 4.

Enclosure 4 provides the applicable revised markups depicting the requested changes to the licensing basis documents requiring NRC staff approval. Enclosure 4, page 2 of 2 replaces Enclosure 2, page 2 of 4 of SNC letter ND-17-0894 in its entirety.

The supplemental information provided in Enclosure 4 does not change the scope of the original submittal, or alter the conclusions of the Significant Hazards Consideration Determination or Environmental Considerations in LAR-17-019.

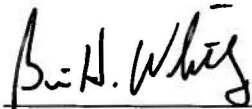
This letter, including the enclosure, has been reviewed and confirmed to not contain security-related information. This letter contains no regulatory commitments.

In accordance with 10 CFR 50.91, SNC is notifying the State of Georgia of this license amendment request supplement by transmitting a copy of this letter and its enclosure to the designated State Official.

Should you have any questions, please contact Mr. Corey Thomas at (205) 992-5221.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 16th of November 2017.

Respectfully submitted,



Brian H. Whitley  
Director, Regulatory Affairs  
Southern Nuclear Operating Company

- Enclosures: 1) - 3) (previously submitted with the original LAR, LAR-17-019, in SNC letter ND-17-0894)
- 4) Vogtle Electric Generating Plant (VEGP) Units 3 and 4 - Supplement to Proposed Changes to the Licensing Basis Documents (LAR-17-019S1)

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**Southern Nuclear Operating Company**

**ND-17-1951**

**Enclosure 4**

**Vogtle Electric Generating Plant (VEGP) Units 3 and 4**

**Supplement to Proposed Changes to the Licensing Basis Documents**

**(LAR-17-019S1)**

**Note:**

Added text is shown as Blue Underline

Deleted text is shown as ~~Red Strikethrough~~

Omitted text is shown as three asterisks (\* \* \*)

(This Enclosure consists of 2 pages, including this cover page.)

**Technical Specification 3.4.8**

3.4.8 Minimum RCS Flow

LCO 3.4.8 At least one Reactor Coolant Pump (RCP) shall be in operation with a total flow through the core of  $\geq 3,000$  gpm.

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**- NOTES -**

1. a. All RCPs may be removed from operation for  $\leq 1$  hour per 8 hour period for the purpose of testing; or
  - b. With no RCPs in operation, an unborated water source through the chemical mixing tank may be unisolated under administrative controls for  $\leq 1$  hour for the purpose of chemical addition to the pressurizer;

provided:

- ia. No operations are permitted that would cause introduction into the RCS, coolant with boron concentration less than required to meet the SDM of LCO 3.1.1; and
- iib. Core outlet temperature is maintained at least 10°F below saturation temperature.

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