



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 18, 2018

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
42 Inverness Center Parkway, B022
Birmingham, AL 35242

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — ISSUANCE
OF AMENDMENT RE: INCREASE IN MSIV COMPARTMENT PRESSURE
(LAR-17-028) (EPID L-2017-LLA-0098)

Dear Mr. Whitley:

In response to your application dated August 18, 2017, and supplemented by letter dated December 15, 2017. The U.S. Nuclear Regulatory Commission has granted the enclosed Amendment Nos. 122 and 121 to Combined Licenses (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively.

The amendment authorizes the licensee to depart from the Updated Final Safety Analysis Report (UFSAR) Tier 2* and Tier 2 information regarding changes necessary to reflect an increase in the design pressure of the main steam isolation valve (MSIV) compartments from 6.0 pounds per square inch (psi) to 6.5 psi pressurization load and other changes regarding descriptions of the MSIV compartments. The Tier 2* changes affect information contained in UFSAR Subsections 3H.3.3, 3H.5.1, and 3H.5.1.3. The current design accommodates the maximum design pressure resulting from a feedwater system energy release in the MSIV with a minimum of design margin. This change provides additional design margin for the MSIV Compartments A and B at the VEGP.

B. Whitley

- 2 -

A copy of the related Safety Evaluation, which includes the evaluation of the amendment, 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 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025
52-026

Enclosures:

1. Amendment No. 122 to NPF-91
2. Amendment No. 121 to NPF-92
3. Safety Evaluation

cc: See next page

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(Revised 03/13/2018)

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