



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

May 12, 2020

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
3535 Colonnade Parkway, Bin N-226-EC
Birmingham, AL 35243

**SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 3 AND 4 — ISSUANCE OF
AMENDMENTS RE: RECONCILIATION OF ENVIRONMENTAL CONDITIONS
INPUTS TO CIVIL STRUCTURAL DESIGN LICENSING BASIS (LAR-19-019)
(EPID L-2019-LLA-0279)**

Dear Mr. Whitley:

In response to your application dated December 13, 2019, as supplemented by letter dated March 20, 2020, the U.S. Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 180 and 179 to Combined License (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The amendment impacts Updated Final Safety Analysis Report (UFSAR) Tier 2 and Tier 2* information in UFSAR Subsections 3H.3.3 and 3H.5.1.1, and Tables 3.8.5-3, 3H.5-1 through 3H.5-9, 3H.5-11, 3H.5-12, and 3H.5-15.

The amendment authorizes changes to the VEGP Units 3 and 4 UFSAR in the form of departures from the incorporated plant-specific Design Control Document Tier 2 and Tier 2* information. The changes revise the normal thermal loads for the passive containment cooling system tank; revise the accident thermal loads for the exterior walls below grade and basemat in the auxiliary building; and update the critical section tables for the auxiliary building basemat, concrete walls, and floors, the shield building roof, and the spent fuel pool west wall in the UFSAR.

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

Sincerely,

/RA/

Donald Habib, Project Manager
Vogtle Project Office
Office of Nuclear Reactor Regulation

Docket Nos.: 52-025
52-026

Enclosures:

1. Amendment No. 180 to VEGP Unit 3 COL
2. Amendment No. 179 to VEGP Unit 4 COL
3. Safety Evaluation

cc: See next page

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(Revised 4/7/2020)

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