

December 8, 2017

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
42 Inverness Center Parkway, B022
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SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 – ISSUANCE OF
AMENDMENT NOS. 102 AND 101 RE: ADD REACTOR TRIP SIGNAL ON
SAFEGUARDS ACTUATION SIGNAL TIME DELAY AND OTHER
MISCELLANEOUS TECHNICAL SPECIFICATION CHANGES (LAR 17-020)
(CAC NO. RP9629)

Dear Mr. Whitley:

In response to your application dated June 23, 2017, the U.S. Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 102 and 101 to Combined License (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The amendment requires 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). Specifically, the proposed changes revise plant-specific Tier 2 information to add the time delay assumed in the safety analysis for the reactor trip on a safeguards actuation (“S”) signal to UFSAR Table 15.0-4a. This is also reflected in the proposed revision to TS 3.3.4, Reactor Trip System (RTS) Engineered Safety Feature Actuation System (ESFAS) Instrumentation, to add a surveillance requirement to verify the RTS response time for this “S” signal. The request also includes proposed changes to TS 3.3.7, RTS Trip Actuation Devices, to clarify that the requirements for reactor trip breaker (RTB) undervoltage and shunt trip mechanisms apply only to in-service RTBs. In addition, the request includes proposed changes to TS 3.3.9, ESFAS Manual Initiation, to correct the nonmenclature for the Chemical and Volume Control System, which is inadvertently stated as the Chemical Volume and Control System.

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

Sincerely,

/RA/

Paul Kallan, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025 and 52-026

Enclosures:

1. Amendment No. 102 to VEGP Unit 3 COL
2. Amendment No. 101 to VEGP Unit 4 COL
3. Safety Evaluation

cc: See next page

VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 – ISSUANCE OF AMENDMENT NOS. 102 AND 101 RE: ADD REACTOR TRIP SIGNAL ON SAFEGUARDS ACTUATION SIGNAL TIME DELAY AND OTHER MISCELLANEOUS TECHNICAL SPECIFICATION CHANGES (LAR 17-020) (CAC NO. RP9629) DATED DECEMBER 8, 2017

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(Revised 12/01/2017)

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