

January 19, 2017

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 AND GRANTING OF EXEMPTION RE: NUCLEAR  
INSTRUMENTATION SYSTEM EXCORE DETECTOR SURFACE MATERIAL  
INSPECTION CLARIFICATION (CAC NO. RP9531)

Dear Mr. Whitley:

In response to your application dated July 25, 2016, as supplemented by letters dated September 23, 2016, and October 13, 2016, the U.S. Nuclear Regulatory Commission has granted the enclosed Exemption and issued the enclosed Amendment No. 66 to Combined Licenses (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The amendment consists of changes to the Updated Final Safety Analysis Report (UFSAR) and plant-specific Tier 1 information, with corresponding changes to Appendix C of the Facility Combined Licenses (COL) with regards to the materials of construction of the nuclear instrumentation excore detectors which are exposed to post design basis accident (DBA) conditions in containment. The amendments and exemptions clarify the inspection requirements for the materials of the Nuclear Instrumentation System Excore Detectors, as presented in Tier 1 ITAAC tables. These changes will align Tier 1 excore detector information with underlying Tier 2 information.

The amendment allows changes to the Nuclear Instrumentation System Excore Detectors for the Updated Final Safety Analysis Report in the form of departures from the incorporated plant-specific Design Control Document (PS-DCD) Tier 2 information. The exemption allows changes that impact Tier 1 of the PS-DCD and Appendix C of the COL as specified in License Amendment Request (LAR) 16-010. This exemption is related to, and necessary for the granting of LAR 16-010, which is being issued concurrently with this exemption.

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

Sincerely,

**/RA/**

Chandu Patel, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

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

Enclosures:

1. Exemption for License Amendment No. 66  
for VEGP Unit 3 COL
2. Exemption for License Amendment No. 66  
for VEGP Unit 4 COL
3. Amendment No. 66 to NPF-91
4. Amendment No. 66 to NPF-92
5. Safety Evaluation

cc: See next page

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

Sincerely,

/RA/

Chandu Patel, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

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

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cc: See next page

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DATE	12/21/16	01/18/17	01/18/17	01/18/17

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(Revised 11/14/2016)

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