

February 24, 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. 71 AND 70 RE: PMS LOGIC CHANGES FOR SOURCE  
RANGE FLUX DOUBLING (CAC NO. RP9528)

Dear Mr. Whitley:

In response to your application dated June 16, 2016, the U.S. Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 71 and 70 to Combined Licenses (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The amendments consist of changes to the Updated Final Safety Analysis Report (UFSAR) in the form of departures from the incorporated plant-specific Design Control Document Tier 2 information and involves related changes to the VEGP Units 3 and 4 Technical Specifications (TS).

The proposed changes to the TS and information in the UFSAR update the Protection and Safety Monitoring System (PMS) to align with the requirements in Institute of Electrical and Electronics Engineers (IEEE) 603-1991, "IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations."

A copy of the related Safety Evaluation, which includes the evaluation of the amendments is enclosed. The notice of issuance of the amendments and the 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 and 52-026

Enclosures:

1. Amendment Nos. 71 to VEGP Unit 3 COL
2. Amendment Nos. 70 to VEGP Unit 4 COL
3. Safety Evaluation

cc: See next page

VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — ISSUANCE OF AMENDMENT NOS. 71 AND 70 RE: PMS LOGIC CHANGES FOR SOURCE RANGE FLUX DOUBLING (CAC NO. RP9528) DATED FEBRUARY 24, 2017

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| DATE   | 02/08/17         | 2/21/2017   | 2/24/17            | 2/23/17           |

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(Revised 02/07/2017)

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