



Regulatory Affairs

3535 Colonnade Parkway
Birmingham, AL 35243

205 992 5000 tel
205 992 7601 fax

AUG 06 2018

NL-18-1043
10 CFR 50.90

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555-0001

Vogtle Electric Generating Plant Units 1&2
Docket Nos. 50-424 & 50-425

Subject: License Amendment Request: Supplement to Request to Incorporate Seismic
Probabilistic Risk Assessment into the Categorization Process

By letter dated June 22, 2017 (Agencywide Documents Access and Management System Accession No. ML17173A875) Southern Nuclear Operating Company, Inc. (SNC) submitted a License Amendment Request (LAR) for Vogtle Electric Generating Plant (VEGP), Units 1 and 2 and requested U.S. Nuclear Regulatory Commission (NRC) approval to use the Seismic Probabilistic Risk Assessment (SPRA) model in the existing 10 CFR 50.69 categorization process. Based on discussion with the NRC staff, SNC proposes to clarify the wording for the original operating license condition included in enclosure Section 2.3 of the LAR. The enclosure to this letter contains a revised markup of the operating license condition.

The enclosed changes to the license condition wording do not impact the original determination of no significant hazards consideration that was previously provided in the June 22, 2017 amendment request, nor do they impact the environmental consideration provided in this request.

This letter contains no NRC commitments. If you have any questions, please contact Jamie Coleman at 205.992.6611.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the
2 day of August 2018.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Cheryl A. Gayheart', with a long horizontal flourish extending to the right.

Cheryl A. Gayheart
Director, Regulatory Affairs
Southern Nuclear Operating Company

CAG/PDB/SCM

Enclosure: License Condition Markup

cc: Regional Administrator, Region II
NRR Project Manager – Vogtle 1 & 2
Senior Resident Inspector – Vogtle 1 & 2
State of Georgia Environmental Protection Division
RType: CVC7000

License Amendment Request: Supplement to Request to Incorporate Seismic Probabilistic Risk
Assessment into the Categorization Process

Enclosure

License Condition Markup

Revised Section 2.3, Description of The Proposed Change

SNC proposes the addition of the following condition to the operating license[s] of VEGP Unit 1 and Unit 2 to document the NRC's approval of the use 10 CFR 50.69.

Southern Nuclear Operating Company (SNC) is approved to implement 10 CFR 50.69 using the processes for categorization of Risk-Informed Safety Class (RISC)-1, RISC-2, RISC-3, and RISC-4 structures, systems, and components (SSCs) specified in the license amendments No. 173 (Unit 1) and No. 155 (Unit 2). ~~using Probabilistic Risk Assessment (PRA) models to evaluate risk associated with internal events including internal flooding, internal fire, and seismic events.~~ SNC is approved to utilize the seismic probabilistic risk assessment (SPRA) model for use in the categorization process rather than the previously approved seismic margin approach.

Prior NRC approval, under 10 CFR 50.90, is required for a change to the categorization process specified above.