

Vogle PEmails

From: Kallan, Paul
Sent: Tuesday, April 24, 2018 8:38 AM
To: Vogle PEmails
Subject: Acceptance letter for LAR 18-001
Attachments: Acceptance letter for LAR 18-001.docx

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Subject: Acceptance letter for LAR 18-001
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From: Kallan, Paul

Created By: Paul.Kallan@nrc.gov

Recipients:
"Vogtle PEmails" <Vogtle.PEmails@nrc.gov>
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April 24, 2018

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
42 Inverness Center Parkway
BIN B237
Birmingham, AL 35242

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING
COMPANY'S REQUEST FOR LICENSE AMENDMENT (LAR 18-001) FOR
THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 –
EQUIPMENT SURVIVABILITY ASSESSMENT (EPID L-2018-LLA-0092)

Dear Mr. Whitley:

By letter dated April 6, 2018 (Agencywide Documents Access and Management System (ADAMS) under Accession No. ML18096B463), Southern Nuclear Operating Company (SNC/licensee) submitted a license amendment request (LAR) 18-001 for Combined License (COL) Numbers NPF-91 and NPF-92, for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment requires changes to the Updated Final Safety Analysis Report (UFSAR) in the form of departures from the incorporated plant-specific Design Control Document (DCD) Tier 2 information and related changes to the VEGP Units 3 and 4 COL and COL Appendix C (and corresponding plant-specific DCD Tier 1) information. Specifically, the requested amendment includes changes to the equipment survivability assessment requirements associated with hydrogen burns during beyond design basis accidents as described in the licensing basis documents, including COL Condition 2.D(12)(g)9 and plant-specific Tier 1 Sections 2.2.3 and 2.3.9.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of the LAR. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license must fully describe the changes requested, and follow as far as applicable, the form prescribed for original applications. Section 52.79 of the 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment.

Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

You have requested an issuance date of October 1, 2018. We will attempt to support that date but it will depend on whether supplements to your request are needed. If the change is needed sooner than that date to support construction, please consider submitting a request for a PAR.

If you have any questions, please contact me at (301) 415-2809 or Paul.Kallan@nrc.gov.

Sincerely,

/RA/

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

Docket Nos.: 52-025
52-026