

Vogtle PEmails

From: Patel, Chandu
Sent: Wednesday, August 14, 2019 11:19 AM
To: Vogtle PEmails
Cc: Dixon-Herrity, Jennifer
Subject: Acceptance Letter for LAR 19-003 for Vogtle 3 and 4, Addition of IRWST to Radiation Analysis
Attachments: Acceptance Letter LAR 19-003.docx

This is an acceptance letter for Vogtle 3 and 4 LAR 19-003, Addition of IRWST to Radiation Analysis.

Chandu Patel, Senior Project Manager
U.S. NRC, Office of New Reactors
NRC/NRO/DNRL/LB4,
Washington, DC 20555-0001
301.415.3025
MS T6C20M

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Subject: Acceptance Letter for LAR 19-003 for Vogtle 3 and 4, Addition of IRWST to Radiation Analysis
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From: Patel, Chandu

Created By: Chandu.Patel@nrc.gov

Recipients:
"Dixon-Herrity, Jennifer" <Jennifer.Dixon-Herrity@nrc.gov>
Tracking Status: None
"Vogtle PEmails" <Vogtle.PEmails@nrc.gov>
Tracking Status: None

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August 14, 2019

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
3535 Colonnade Parkway
BIN B237
Birmingham, AL 35243

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S REQUEST FOR LICENSE AMENDMENT FOR ADDITION OF IN-CONTAINMENT REFUELING WATER STORAGE TANK TO RADIATION ANALYSES FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 (LAR-19-003)(EPID NO. L-2019-LLA-0151)

Dear Mr. Whitley:

By letter dated July 16, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19197A278), Southern Nuclear Operating Company (SNC) submitted a request for a license amendment to Combined License (COL) Numbers NPF-91 and NPF-92, for the Vogtle Electric Generating Plant Units 3 and 4, respectively. The requested amendment proposes changes to incorporate the contribution of design basis passive residual heat removal heat exchanger leakage to the in-containment refueling water storage tank (IRWST) into normal operating doses. The change to normal operating doses involves crediting the north-east wall and west wall of the IRWST as radiation shielding walls in plant-specific Tier 1 (and associated COL Appendix C) Table 3.3-1.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission staff's acceptance review of this request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the 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 the 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 content of technical information required. This section stipulates that the submittal addresses 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 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 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 staff's detailed technical review by separate correspondence.

SNC has requested staff approval of this license amendment request by January 13, 2020. The staff intends to complete this action by May 14, 2020. However, the staff will try to expedite its review to have it completed by January 13, 2020, unless we agree to a different date at a later time due to circumstances beyond our control. The staff

estimates that it may take 200 hours to complete this licensing action.

If you have any questions, please contact me at (301) 415-3025 or Chandu.Patel@nrc.gov.

Sincerely,

Chandu Patel, Senior Project Manager
Licensing Branch 2
Division of Licensing, Siting, and Environmental
Analysis
Office of New Reactors

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