

Vogtle PEmails

From: Habib, Donald
Sent: Monday, May 15, 2017 9:34 AM
To: ACCHAMBE@southernco.com
Cc: Vogtle PEmails; Patel, Chandu; Hoellman, Jordan; Dixon-Herrity, Jennifer; Gleaves, Bill; Dias, Antonio; Le, Hien; Jackson, Diane; Chien, Nan
Subject: NRC Acceptance Review for SNC's License Amendment Request and Exemption Request (LAR-17-015) for Vogtle Units 3 and 4 Central Chilled Water (VWS) Optimization Changes

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 AND EXEMPTION FOR THE VOGTLE ELECTRIC GENERATING PLANT, UNITS 3 AND 4: CENTRAL CHILLED WATER SYSTEM (VWS) OPTIMIZATION CHANGES (CAC NO. RP9622) (LAR 17-015)

Dear Mr. Whitley:

By letter dated April 27, 2017 (Agencywide Documents Access and Management System Accession No. ML17118A049), Southern Nuclear Operating Company (SNC/licensee) submitted a request for a License Amendment and Exemption (LAR 17-015) for the Combined License (COL) Numbers NPF-91 and NPF-92, for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment proposes changes to COL Appendix C (and plant-specific Tier 1) Table 2.7.2-2 to revise the minimum chilled water flow rates to the supply air handling units serving the Main Control Room (MCR) and the Class 1E electrical rooms, and the unit coolers serving the normal residual heat removal system (RNS) and chemical and volume control system (CVS) pump rooms. The proposed COL Appendix C (and plant-specific DCD Tier 1) changes require additional changes to corresponding Tier 2 component data information in UFSAR Chapter 9.

SNC has also requested an exemption from the provisions of Title 10 of the Code of Federal Regulations (10 CFR) Part 52, Appendix D, Section III.B, "Design Certification Rule for the AP1000 Design, Scope and Contents," to allow a departure from the elements of the certification information in Tier 1 of the generic AP1000 Design Control Document.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. 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 review. 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 10 CFR 50.90, 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 against the regulatory requirements and has concluded that it provides 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.

If you have any questions, please contact me at (301) 415-1035 or Donald.Habib@nrc.gov.

Sincerely,

Donald Habib, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025
52-026

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Subject: NRC Acceptance Review for SNC's License Amendment Request and Exemption Request (LAR-17-015) for Vogtle Units 3 and 4 Central Chilled Water (VWS) Optimization Changes

Sent Date: 5/15/2017 9:34:21 AM

Received Date: 5/15/2017 9:34:21 AM

From: Habib, Donald

Created By: Donald.Habib@nrc.gov

Recipients:

"Vogtle PEmails" <Vogtle.PEmails@nrc.gov>

Tracking Status: None

"Patel, Chandu" <Chandu.Patel@nrc.gov>

Tracking Status: None

"Hoellman, Jordan" <Jordan.Hoellman2@nrc.gov>

Tracking Status: None

"Dixon-Herrity, Jennifer" <Jennifer.Dixon-Herrity@nrc.gov>

Tracking Status: None

"Gleaves, Bill" <Bill.Gleaves@nrc.gov>

Tracking Status: None

"Dias, Antonio" <Antonio.Dias@nrc.gov>

Tracking Status: None

"Le, Hien" <Hien.Le@nrc.gov>

Tracking Status: None

"Jackson, Diane" <Diane.Jackson@nrc.gov>

Tracking Status: None

"Chien, Nan" <Nan.Chien@nrc.gov>

Tracking Status: None

"ACCHAMBE@southernco.com" <ACCHAMBE@southernco.com>

Tracking Status: None

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