

Vogle PEmails

From: Kallan, Paul
Sent: Monday, August 14, 2017 7:43 AM
To: Vogle PEmails
Subject: Acceptance Letter for Vogle for Addition of a Residual Heat Removal Suction Relief Valve for Low-Temperature Overpressure Protection (CAC RP9632).docx
Attachments: Acceptance Letter for Vogle for Addition of a Residual Heat Removal Suction Relief Valve for Low-Temperature Overpressure Protection (CAC RP9632).docx

Hearing Identifier: Vogtle_COL_Docs_Public
Email Number: 140

Mail Envelope Properties (d350ac0f7c4b4e69b5ad8ecc7affbb2f)

Subject: Acceptance Letter for Vogtle for Addition of a Residual Heat Removal Suction Relief Valve for Low-Temperature Overpressure Protection (CAC RP9632).docx
Sent Date: 8/14/2017 7:42:59 AM
Received Date: 8/14/2017 7:42:59 AM
From: Kallan, Paul

Created By: Paul.Kallan@nrc.gov

Recipients:
"Vogtle PEmails" <Vogtle.PEmails@nrc.gov>
Tracking Status: None

Post Office: HQPWMSMRS08.nrc.gov

Files	Size	Date & Time
MESSAGE	3	8/14/2017 7:42:59 AM
Acceptance Letter for Vogtle for Addition of a Residual Heat Removal Suction Relief Valve for Low-Temperature Overpressure Protection (CAC RP9632).docx	32619	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

August 14, 2017

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 17-022) AND EXEMPTION FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4: ADDITION OF A RESIDUAL HEAT REMOVAL SUCTION RELIEF VALVE FOR LOW-TEMPERATURE OVERPRESSURE PROTECTION (CAC NO. RP9632)

Dear Mr. Whitley:

By letter dated July 14, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17195B047, Southern Nuclear Operating Company (SNC) submitted a request for a license amendment and an exemption to Combined License (COL) Numbers NPF-91 and NPF-92, for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment proposes to depart from Tier 2 information in the Updated Final Safety Analysis Report (UFSAR) (which includes the plant-specific DCD Tier 2 information) and involves related changes to plant-specific Tier 1 (and associated COL Appendix C) information, and COL Appendix A Technical Specifications. Specifically, the requested amendment proposes changes to add a second normal residual heat removal system (RNS) suction relief valve in parallel to the current RNS suction relief valve, with the necessary piping changes. Additionally, a change is proposed to Tier 1 Figure 2.2.1-1, for penetration P19, to accurately depict the orientation of the class break of containment isolation valve RNS-PL-V061.

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 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 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 December 1, 2017. 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 No(s): 52-025
52-026