

From: Andrea Johnson
Sent: Tuesday, January 9, 2024 9:32 AM
To: Quarles, Adam Graham; Joyce, Ryan M.
Cc: John Lamb; Dawnmathews Kalathiveettil; Zach Turner
Subject: Acceptance Review - Hatch 1&2 LAR - Revise TS 3.7.1 & 3.7.2 to Adopt Risk-Informed Completion Times for RHRSW and PSW Systems (L-2023-LLA-0169)

Adam,

By letter dated December 6, 2023 (Agencywide Documents and Access Management System Accession No. ML23340A223), Southern Nuclear Operating Company (SNC, the licensee) submitted a license amendment request (LAR) for Edwin I. Hatch Nuclear Power Plant (Hatch), Units 1 and 2. The proposed LAR would modify Technical Specification (TS) requirements to permit the use of Risk-Informed Completion Times (RICTs) for the condition of one pump inoperable for TS 3.7.1, "Residual Heat Removal Service Water (RHRSW) System," and for TS 3.7.2, "Plant Service Water (PSW) System and Ultimate Heat Sink (UHS)."

The purpose of this e-mail is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this 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 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 Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an application for an amendment to a license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 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 LAR 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 LAR 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. If additional information is needed, you will be advised by separate correspondence.

Based on the information provided in your submittal and discussions during the pre-licensing meeting on August 2, 2023 (ML23244A031), the NRC staff has estimated that this LAR will take approximately 450 hours to complete. The NRC staff expects to complete this review by approximately **January 9, 2025**. If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the LAR and they could change, due to several factors including requests for additional information, unanticipated addition of

scope to the review, and review by NRC advisory committees or hearing-related activities. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any immediate questions regarding this LAR, please contact me. Otherwise, you may contact the lead Project Manager for this LAR, Dawnmathews.Kalathiveetil@nrc.gov.

Andrea M. Johnson, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
(301) 415-2890

Hearing Identifier: NRR_DRMA
Email Number: 2363

Mail Envelope Properties (BY5PR09MB4867FA14E6331558EDDC3E99976A2)

Subject: Acceptance Review - Hatch 1&2 LAR - Revise TS 3.7.1 & 3.7.2 to Adopt Risk-Informed Completion Times for RHRSW and PSW Systems (L-2023-LLA-0169)
Sent Date: 1/9/2024 9:32:16 AM
Received Date: 1/9/2024 9:32:00 AM
From: Andrea Johnson

Created By: Andrea.Johnson@nrc.gov

Recipients:

"John Lamb" <John.Lamb@nrc.gov>
Tracking Status: None
"Dawnmathews Kalathiveettil" <Dawnmathews.Kalathiveettil@nrc.gov>
Tracking Status: None
"Zach Turner" <Zachary.Turner@nrc.gov>
Tracking Status: None
"Quarles, Adam Graham" <AGQUARLE@southernco.com>
Tracking Status: None
"Joyce, Ryan M." <RMJOYCE@southernco.com>
Tracking Status: None

Post Office: BY5PR09MB4867.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	3902	1/9/2024 9:32:00 AM

Options

Priority: Normal
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date: