

From: Mahesh Chawla
Sent: Wednesday, June 26, 2024 3:07 PM
To: Couture III, Philip
Cc: Steven Levitus; John Tsao; Jennie Rankin; Angie Buford
Subject: LIC-109 Acceptance - ANO 1 and 2 - Proposed Alternatives for Examinations of SG Pressure Retaining Welds and Full Penetrations Nozzles - EPID: L-2024-LLR-0038

Dear Mr. Couture,

By letter dated June 6, 2024 (ADAMS Accession No. ML24158A389), Entergy Operations, Inc., (Entergy)(the licensee) submitted a request to the U.S. Nuclear Regulatory Commission (NRC) for approval of proposed alternatives for Arkansas Nuclear One, Units 1 and 2 (ANO-1 and ANO-2, respectively). The proposed alternatives are to defer the In-Service Inspection (ISI) examinations for select examination categories and item numbers for the steam generators at ANO-1 and ANO-2 from the current American Society of Mechanical Engineers (ASME) Code, Section XI, Division 1, 10-year requirements to the end of currently licensed operating life, which is scheduled to end on May 20, 2034, and July 17, 2038, respectively. This equates to an extension of 16 years, 11 months, 20 days from the end of the fourth ISI interval (May 30, 2017) for ANO-1 and an extension of 17 years, 3 months, 23 days from the end of the fourth ISI interval (March 25, 2021) for ANO-2 at which time all ASME Code, Section XI, Division 1 requirements were satisfied. Entergy requests authorization to use the proposed alternatives pursuant to 10 CFR 50.55a(z)(1) on the basis that the alternative provides an acceptable level of quality and safety.

The purpose of this e-mail is to provide the results of the NRC 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 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. Pursuant to Sections 50.55a(z)(1) of Title 10 of the *Code of Federal Regulations* (10 CFR), the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety.

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 alternatives 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, the NRC staff has estimated that this licensing request will take approximately 200 hours to complete. The NRC staff expects to complete this review in approximately 11 months, which is May 30, 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 application, and they could change, due to several factors including requests for additional information, and unanticipated addition of scope to the review.

If you have any questions, please contact me.

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