

From: [Mayer, Annie](#)
To: [Loomis, Thomas R:\(Exelon Nuclear\)](#)
Cc: [Mayer, Annie](#)
Subject: Acceptance for Review of Proposed Alternative ISI-05-018 for Examinations of Steam Generator Pressure Retaining Welds and Full Penetration Welded Nozzles (EPID L-2021-LLR-0091)
Date: Friday, January 14, 2022 12:12:07 PM

Tom,

By letter dated December 14, 2021 (Agencywide Documents and Access Management System (ADAMS) Accession No. ML21343A427), Exelon Generation Company (Exelon) submitted an alternative request (ISI-05-018) for Calvert Cliffs Nuclear Power Plant, Units 1 and 2. The proposed alternatives for Braidwood Station, Units 1 and 2; Bryon Station, Units 1 and 2; and R.E. Ginna Nuclear Power Plant included in the submittal are being reviewed separately. The proposed alternative would extend the frequency of volumetric examinations of steam generator pressure retaining welds and full penetration welded nozzles for the remainder of the currently licensed operating period for Calvert Cliffs. The purpose of this letter is to provide the results of the NRC staff's acceptance review of this proposed alternative request, specific to Calvert Cliffs. 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) and 50.55 a(z)(2) 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, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or 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 alternative 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.

Based on the information provided in your submittal, the NRC staff has estimated that this request will take approximately 250 hours to complete. The NRC staff expects to complete this review by January 14, 2023, 12 months from the date of this acceptance. 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, 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 questions, please contact me at (301) 415-1081 or at andrea.mayer@nrc.gov.

Thanks,

Annie Mayer

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