

From: Wiebe, Joel
Sent: Wednesday, September 29, 2021 11:03 AM
To: Tom Loomis
Subject: NRC Acceptance Review of Braidwood and Byron - Proposed Alternative for Examinations of Category C-B Steam Generator Nozzle-to-Shell Welds and Nozzle Inside Radius Sections

Hi Tom,

By letter dated September 1, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21244A328), Exelon Generation Company, LLC (Exelon) submitted a proposed alternative to the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," on the basis that the proposed alternative provides an acceptable level of quality and safety. Specifically, Exelon is requesting an alternative to extend the frequency of steam generator nozzle-to-shell and nozzle inside radius sections volumetric and surface examinations for the remainder of the currently licensed operating periods for Braidwood Generating Station (Braidwood), Units 1 and 2, and Byron Generating Station (Byron), Unit Nos. 1 and 2. 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 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. Acceptance review of other requests in Exelon's letter dated September 1, 2021, will be addressed separately.

The NRC staff has reviewed the submittal 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. 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 request will take approximately 115 hours to complete. The NRC staff expects to complete this review in approximately 12 months from the date of this acceptance, which is September 2022. 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.

If you have any questions, please contact me at (301) 415-6606.

Joel

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