

From: Joel Wiebe
Sent: Wednesday, November 1, 2023 1:54 PM
To: Seawright, Brian A:(Constellation Nuclear)
Subject: NRC Acceptance Review of Byron, Unit 2, Relief Request I4R-24 (EPID: L-2023-LLR-0050)

Hi Brian,

By letter dated September 29, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23272A242), Constellation Energy Generation, LLC (Constellation) submitted a request for alternative for Post-Peening Reexamination Frequency for Reactor Pressure Vessel Head Penetration Nozzle Number 75. Specifically, Constellation requested to perform the post-peening volumetric examinations of Reactor Pressure Vessel Head Penetration Nozzle (RPVHPN) Number 75 during the next scheduled inspection for the rest of the RPVHPNs at Byron Unit 2. This duration includes the remainder of the current fourth ISI interval and the future fifth ISI interval for Byron Unit 2 until the next scheduled inspections for the RPVHPNs required by 10 CFR 50.55a(g)(6)(ii)(D) are performed. 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.

The NRC staff has reviewed the request 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 130 hours to complete. The NRC staff expects to complete this review by July 1, 2024. 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

Hearing Identifier: NRR_DRMA
Email Number: 2302

Mail Envelope Properties (MN2PR09MB4971EF2189241D1188A87C238BA7A)

Subject: NRC Acceptance Review of Byron, Unit 2, Relief Request I4R-24 (EPID L-2023-LLR-0050)
Sent Date: 11/1/2023 1:53:55 PM
Received Date: 11/1/2023 1:53:00 PM
From: Joel Wiebe

Created By: Joel.Wiebe@nrc.gov

Recipients:
"Seawright, Brian A:(Constellation Nuclear)" <Brian.Seawright@constellation.com>
Tracking Status: None

Post Office: MN2PR09MB4971.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	2717	11/1/2023 1:53:00 PM

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