

From: Williams, Shawn
Sent: Monday, April 6, 2020 12:49 PM
To: craig.d.sly@dominionenergy.com
Cc: diane.aitken@dominionenergy.com
Subject: North Anna Power Station, Unit 1 – Acceptance of Proposed Inservice Inspection Alternative N1-15-NDE-004 (EPID L-2020-LLR-0039)

Dear Mr. Sly,

By letter dated March 19, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20087M172), the Virginia Electric and Power Company (Dominion Energy Virginia) submitted an alternative request (N1-15-NDE-004) for the North Anna Power Station, Unit 1. Dominion Energy Virginia requested the inspection interval defined in ASME BPV Code Case N-729-4, "Alternative Examination Requirements for PWR Reactor Vessel Upper Heads with Nozzles Having Pressure-Retaining Partial Penetration Welds," Section XI, Division 1, be extended from 10 years to 20 years. The request applies to volumetric/surface examinations of Alloy 690/52/152 reactor vessel upper head penetrations. The alternative request was submitted pursuant to Section 50.55a(z)(1) of Title 10 of the *Code of Federal Regulations* (10 CFR), which requires the applicant to demonstrate that the proposed alternative would provide an acceptable level of quality and safety.

The purpose of this e-mail is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review. 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 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 licensing request will take approximately 110 hours to complete. The NRC staff expects to complete this review by February 2021, as requested in your application. 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. 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) 415-1009.

Shawn Williams, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-338

cc: Listserv

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