

**From:** Paige, Jason <Jason.Paige@nrc.gov>

**Sent:** Monday, January 24, 2022 10:00 AM

**To:** Gropp Jr, Richard W:(Exelon Nuclear) <Richard.Gropp@exeloncorp.com>

**Cc:** Rector, Matthew K.:(Exelon Nuclear) <Matthew.Rector@exeloncorp.com>; Grimme, Timothy M:(Exelon Nuclear) <timothy.grimme@exeloncorp.com>

**Subject:** Acceptance for Review of Relief Request Associated with Reactor Pressure Vessel N-16A Nozzle Repair (EPID L-2022-LLR-0006)

Good morning,

By letter dated December 20, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22003A002), Exelon Generation Company, LLC (the licensee) requested relief from certain requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, for Peach Bottom Atomic Power Station, Unit No. 2. The licensee submitted alternative I5R-14, Revision 1, requesting the previously repaired reactor vessel instrument penetration nozzle N-16A to be remained in service for remainder of the plant life which is scheduled to end on August 8, 2053.

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 relief 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 Section 50.55a(z)(2) of Title 10 of the Code of Federal Regulations (10 CFR), the applicant shall demonstrate 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. 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 200 hours to complete. The NRC staff expects to complete this review by October 3, 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.

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/or 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 301-415-1474 or by e-mail.

Docket No. 50-277

Thanks,  
Jason