

**From:** Buckberg, Perry  
**Sent:** Monday, April 4, 2022 9:41 AM  
**To:** Taylor, Andrew Charles  
**Cc:** Rymer, Stuart Loveridge; Wrona, David  
**Subject:** Sequoyah Nuclear Plant - Acceptance of Request for Alternative - Pressure Isolation Valve Leakage ISTC-3630 (L-2022-LLR-0034)

Andy,

By letter dated March 15, 2022, Tennessee Valley Authority submitted a request for an alternative for Sequoyah Nuclear Plant, Units 1 and 2. The proposed alternative would allow operation for 1 cycle if certain pressure isolation valves undergo mechanical agitation as a means to achieve acceptable valve seat leakage. 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 Sections 50.55a(z)(1) and 50.55a(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 request 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 and discussions during the pre-application meeting on February 16, 2022, the NRC staff has estimated that this licensing request will take approximately 174 hours to complete. The NRC staff expects to complete this review by October 15, 2022, as requested in the March 15, 2022, submittal. 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.

Thanks,

**Perry Buckberg**

Senior Project Manager / Agency 2.206 Petition Coordinator

U.S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation

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