

## **NRR-PMDAPem Resource**

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**From:** Williams, Shawn  
**Sent:** Tuesday, April 04, 2017 9:37 AM  
**To:** THOMPSON, BRUCE L  
**Cc:** GARZA, JOHN M  
**Subject:** Virgil C. Summer Nuclear Station, Unit 1 – Acceptance Review Relief Request RR-4-12, Turbine Driven Emergency Feedwater Pump IST Requirements (CAC No. MF9503)

Dear Mr. Thompson,

By letter dated March 28, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17088A256), the South Carolina Electric & Gas Company (SCE&G, the licensee) submitted an alternative request for Virgil C. Summer, Unit 1 (VCSNS). The licensee is proposing an alternative to the requirements of American Society of Mechanical Engineers (ASME) OM Code 2004, ISTB-3310 for testing of the Turbine Driven Emergency Feedwater (TDEFW) pump.

The licensee submitted the alternative pursuant to Section 50.55a(z)(2) of Title 10 of the *Code of Federal Regulations*, which requires the applicant to demonstrate that the proposed alternative would be acceptable on the basis that complying with the specified requirement would result in hardship or unusual difficulty, without compensating increase in the level of quality and safety.

The purpose of this letter 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 60 hours to complete. The NRC staff expects to complete this review by May 14, 2017, as requested in your application to support VCSNS startup after refueling outage (RF-23). 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, or unanticipated addition of scope to the review.

If you have any questions, please contact me at (301) 415-1009.

Docket No. 50-395

Shawn Williams, Senior Project Manager

Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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