

Lent, Susan

From: Wang, Alan
Sent: Wednesday, January 02, 2013 2:17 PM
To: SEITER, JEFFERY ALAN; Guy Davant
Cc: Lent, Susan; Burkhardt, Janet
Subject: Acceptance Review of Grand Gulf Nuclear Station License Amendment Request Regarding Final Feedwater Temperature Reduction (TAC No. ME9873)

Jeff and Guy,

By letter dated October 26, 2012 (Agencywide Documents Access and Management System Accession No. ML12306A519) (GNR0-2012100125), Entergy Operations, Inc. (Entergy, the licensee) requested an amendment to the Facility Operating License for the Grand Gulf Nuclear Station, Unit 1 (GGNS). The license amendment request (LAR) proposes to revise the GGNS Operating License (OL) to allow GGNS to operate with Final Feedwater Temperature Reduction (FFWTR) at the end of a fuel cycle (EOC) for the purpose of extending the cycle. The FFWTR flexibility would allow operating with a reduction of 100°F in feedwater temperature (from 420°F to 320°F) at rated power conditions. Specifically, this LAR proposes to delete Section 2.C.(32) of the GGNS OL, which currently prohibits operating with partial feedwater heating for the purpose of extending the fuel cycle.

Consistent with Section 50.90 of Title 10 of the Code of Federal Regulations (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment 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 your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to proceed with its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. If additional information is needed for the staff to complete its technical review, you will be advised by separate correspondence.

If you have any questions, please contact me at (301) 415-1445.

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