

Burkhardt, Janet

From: Wang, Alan
Sent: Wednesday, August 14, 2013 10:30 AM
To: Guy Davant
Cc: Robinson, Christopher; Burkhardt, Janet
Subject: Grand Gulf Nuclear Station Request for Additional Information Regarding Final Feedwater Temperature Reduction (FFWTR) license amendment request (ME9873)

Guy,

By letter dated October 26, 2012 (Agencywide Documents Access management System (ADAMS) Accession number ML123060613), Entergy Operations, Inc. (the licensee), requested an amendment to Facility Operating License Number NPF-29 for Grand Gulf Nuclear Station, Unit 1 (GGNS). The license amendment request (LAR) proposes to delete Section 2.C.(32) of the GGNS Operating License, which currently prohibits operating with partial feedwater heating for the purpose of extending the fuel cycle.

The NRC staff has determined that additional information is needed to complete our review of this request. The following request for additional information (RAIs) are related to your LAR dated October 26, 2012:

- 1) Section 3 of NEDC-33671P, Revision 0 does not state the impact of final feedwater temperature reduction (FFWTR) on the current licensing basis containment analysis for net positive suction head (NPSH) for design basis and non-design basis events. Please provide the results of the analysis including explanation if containment accident pressure is needed for the available NPSH for emergency core cooling system (ECCS) and containment heat removal pumps.

Reference

1. GEH Report NEDC-33671P, "Safety Analysis Report for Operation with Final Feedwater Temperature Reduction at Grand Gulf Nuclear Station, Rev. 0, October 2012.

This RAI was discussed with Mr. Guy Davant of on [August 14, 2013](#), and it was agreed that a response would be provided within 30 days of receipt of this email. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-1445 or via e-mail at Alan.Wang@nrc.gov.

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