



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 16, 1994

Docket No. 50-416

Mr. C. Randy Hutchinson  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

Dear Mr. Hutchinson:

SUBJECT: RESPONSE TO NRC BULLETIN 93-03, "RESOLUTION OF ISSUES RELATED TO REACTOR VESSEL WATER LEVEL INSTRUMENTATION IN BWRs" - GRAND GULF NUCLEAR STATION, UNIT 1 (TAC NO. M86893)

We acknowledge receipt of your responses, dated July 30, and December 17, 1993, to NRC Bulletin (NRCB) 93-03. The NRCB was issued May 28, 1993, to all holders of operating licenses or construction permits for boiling water reactors (BWRs) with the exception of Millstone 1 and Big Rock Point. The NRCB requested licensees to take short-term compensatory measures within 15 days of the NRCB to ensure operators can identify and mitigate potential level errors. The NRCB also requested licensees to implement hardware modifications at the first cold shutdown after July 30, 1993, to ensure the level instrumentation system design is of high functional reliability for long-term operation.

Your response of July 30, 1993, stated that you have implemented appropriate short-term compensatory measures and stated that you expected to complete the hardware modification prior to restart from the next refueling outage.

Based on the information provided in your July 30, and December 17, 1993, letters, we consider your response to NRCB 93-03 acceptable. Please retain records related to your actions taken in response to this NRCB for possible future inspection by the NRC staff.

This completes the licensing action for TAC No. M86893 with an implementation date of December 17, 1993. Your letter dated December 17, 1993, confirmed implementation of the hardware modifications at Grand Gulf Nuclear Station and describes the modifications that were implemented.

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Mr. C. Randy Hutchison

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On November 26, 1993, the NRC staff issued NRC Information Notice (IN) 93-89, "Potential Problems With BWR Level Instrumentation Backfill Modifications." The staff is still reviewing the concerns identified in this IN, and any possible actions will be addressed separately from this TAC.

Sincerely,

ORIGINAL SIGNED BY:

Paul W. O'Connor, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

cc: See next page

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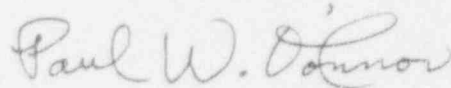
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Sincerely,



Paul W. O'Connor, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

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Grand Gulf Nuclear Station

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