

February 17, 1994

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

Dear Mr. Hutchinson:

SUBJECT: REGULATORY GUIDE 1.97 - BOILING WATER REACTOR NEUTRON FLUX
MONITORING - GRAND GULF NUCLEAR STATION, UNIT 1

Section 6.2 of Generic Letter 82-33 requested applicants and licensees to provide a report on their implementation of Regulatory Guide (RG) 1.97. The BWR Owners' Group responded by submitting NEDO-31558, "Position on NRC Regulatory Guide 1.97, Revision 3, Requirements for Post-Accident Neutron Monitoring System," which proposed alternative criteria for neutron flux monitoring instrumentation in lieu of the Category 1 criteria stated in the RG. In a safety evaluation dated January 13, 1993, the staff concluded that the criteria of NEDO-31558 was acceptable.

By letter dated January 13, 1993, the staff requested you to review the Grand Gulf Nuclear Station neutron flux monitoring instrumentation against the criteria of NEDO-31558 and document the results of your review. Your letter of March, 15, 1993, provided the results of your review.

The staff has completed its review of your submittal and concludes that the post-accident neutron flux monitoring instrumentation at the Grand Gulf Nuclear Station meets the criteria of NEDO-31558 and is, therefore, an acceptable alternative to the guidance in Regulatory Guide 1.97.

This completes the staff's review of this issue with a completion date and an implementation date as of the date of this letter.

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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Docket File	NRC & Local PDRs	PD4-1 Reading	A. Hansen
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ACRS(10)	OGC (15B18)	J. Wermiel	

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555-0001

February 17, 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: REGULATORY GUIDE 1.97 - BOILING WATER REACTOR NEUTRON FLUX
MONITORING - GRAND GULF NUCLEAR STATION, UNIT 1

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This completes the staff's review of this issue with a completion date and an implementation date as of the date of this letter.

Sincerely,

A handwritten signature in cursive script that reads "Paul W. O'Connor".

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

Mr. C. Randy Hutchinson
Entergy Operations, Inc.

Grand Gulf Nuclear Station

cc:

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