

June 10, 1994

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

Dear Mr. Hutchinson:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO YOUR REQUEST FOR
EXEMPTION TO APPENDIX J (TAC NO. M87209)

The staff is continuing its review of your submittal dated August 18, 1993, in which you requested an exemption to the requirements of 10 CFR Part 50, Appendix J, for the Grand Gulf Nuclear Station.

To permit us to continue our review on our current schedule we require that the request for additional information (RAI) in the enclosure be provided within 60 days of your receipt of this letter.

This requirement affects fewer than ten respondents, therefore, is not subject to Office of Management and Budget review under Public Law 96-511.

Sincerely,

ORIGINAL SIGNED BY:

Paul W. O'Connor

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

Enclosure:
RAI

cc w/enclosure:
See next page

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

June 10, 1994

Docket No. 50-416

Mr. C. Randy Hutchinson
Vice President, Operations GGNS
Entergy Operations, Inc.
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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
Office of Nuclear Reactor Regulation

Enclosure:
RAI

cc w/enclosure:
See next page

Mr. C. Randy Hutchinson
Entergy Operations, Inc.

Grand Gulf Nuclear Station

cc:

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REQUEST FOR ADDITIONAL INFORMATION
CONCERNING REQUEST FOR EXEMPTION FROM 10 CFR PART 50, APPENDIX J
GRAND GULF NUCLEAR STATION
DOCKET NO. 50-416

1. The response to NRC Question 26 in your May 11, 1994, letter to the NRC stated that:

"The 5 and 10 year intervals were chosen by GGNS based on the past testing history of the components and the risk assessment outlined in the application."

We do not consider this to adequately justify the specific 5 and 10 year intervals. Please provide a detailed analysis, using the data from past testing history, that demonstrates the acceptability of these intervals. State clearly what criteria are used to determine acceptability. Also, identify any data, not specific to Grand Gulf, that were used to justify the 5 and 10 year intervals.

The staff does not consider the results of a probabilistic safety analysis showing overall risk is not exceeded as adequate justification for these specific testing intervals.

2. Figure A-7 on page A-35 of draft NUREG-1493, "Performance-Based Containment Leak Test Program," contains a plot showing the number of times a component with a leak rate of 257 scf/h or more was found versus time since the last maintenance of the component. The plot was generated using data from another power plant. The 257 scf/h corresponds to the highest detectable leak rate for that power plant.

Please provide a plot similar to Figure A-7 using Grand Gulf specific data and the maximum detectable leak rate for Grand Gulf.

The staff intends to use this plot as one indication of the suitability of the 5 and 10 year test intervals proposed by Entergy, Inc., for Grand Gulf.