

July 30, 1992

Docket No. 50-416

Mr. William T. Cottle
Vice President, Operations GGNS
Entergy Operations, Inc.
Post Office Box 756
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: PROPOSED METHOD TO PROVIDE AUGMENTED SPENT FUEL POOL COOLING
(TAC NO. M72836)

By letter dated November 1, 1991, Entergy Operations, Inc., provided the staff with a proposed engineering solution that would provide sufficient spent fuel pool cooling capacity for a full spent fuel pool containing 4348 fuel assemblies, including a full core discharge of 800 fuel assemblies.

The staff has completed its review of your submittal, which modifies the use of the fuel pool cooling and cleanup (FPCC) system by utilizing one FPCC pump to feed both heat exchangers in order to reduce dependency upon the residual heat removal (RHR) system for supplemental cooling during shutdown. The staff has determined that your proposal is acceptable. However, because the proposed mode of operation will require increased flow rates in the FPCC and standby service water (SSW) systems, the staff requires that you verify the increased system flowrates and report the results to the staff before start up from Refueling Outage (R/O) 6.

A copy of the staff's detailed safety evaluation is enclosed. This completes the staff's action on this issue. We await your documentation of the implementation and testing of the modified spent fuel pool cooling alignment prior to return to operation from R/O 6, currently scheduled for fall 1993.

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

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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P. Noonan	M. Virgilio	B. Boger	
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OFC	LA:PD4-1 <i>PM</i>	PM:PD4-1 <i>PM</i>	D:PD4-1
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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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/V
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

Mr. W. T. Cottle
Grand Gulf Nuclear Station

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cc:

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