

August 3, 1990

Docket No. 50-416

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

Dear Mr. Cottle:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT FOR
CHANGES TO SECTIONS 3.0 AND 4.0 OF THE TECHNICAL SPECIFICATIONS FOR
GRAND GULF NUCLEAR STATION, UNIT 1 (TAC NO. 69184)

Enclosed is a copy of an "Environmental Assessment and Finding of No
Significant Impact" for your information. This assessment relates to your
application dated August 19, 1988, as supplemented November 9, 1988,
December 14, 1988, March 28, 1989, July 27, 1989, April 6, 1990 and May 23,
1990.

This proposed amendment would change the Technical Specifications 3.0 and 4.0
in accordance with Generic Letter 87-09 issued by the NRC staff on June 4,
1987.

The assessment has been forwarded to the Office of the Federal Register for
publication.

Sincerely,
Original signed by:

Lester L. Kintner, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

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Vice President, Operations - Grand Gulf
Energy Operations, Inc.
Post Office Box 756
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

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publication.

Sincerely,

A handwritten signature in cursive script that reads "L L Kintner".

Lester L. Kintner, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
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Grand Gulf Nuclear Station

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UNITED STATES NUCLEAR REGULATORY COMMISSION
ENTERGY OPERATIONS, INC.
MISSISSIPPI POWER & LIGHT COMPANY
SYSTEM ENERGY RESOURCES, INC.
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION
DOCKET NO. 50-416
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-29 issued to the licensees, for operation of the Grand Gulf Nuclear Station (GGNS), Unit 1, located in Claiborne County, Mississippi.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed amendment would change the Technical Specifications (TS) in accordance with the guidance provided in Generic Letter 87-09, "Section 3.0 and 4.0 of the Standard Technical Specifications (STS) on the Applicability of Limiting Conditions for Operation and Surveillance Requirements." The general requirements in TS 3.0.4, applicable to each limiting condition for operation (LCO) within Section 3.0, would be changed to allow operational condition changes without meeting the LCO requirements provided the remedial actions in the associated action statements do not require reactor shutdown if the LCO is not met in a specified time.

For those TS which presently have an exception to TS 3.0.4, the exception would be deleted because the change in TS 3.0.4 would achieve the same effect by itself. For applicable TS which do not presently have an exception to TS 3.0.4, the change in TS 3.0.4 provides increased operational flexibility. TS 4.0.3 would be changed to allow up to 24 hours additional time to run missed surveillance tests. TS 4.0.4 would be changed to clarify that it does not prevent changing operational conditions to comply with action requirements. The Bases for TS 3.0 and 4.0 would be changed to reflect the changes in the TS.

The proposed action is in accordance with the licensee's application for amendment dated August 19, 1988, as revised November 9, 1988, December 14, 1988, March 28, 1989, July 27, 1989, April 6, 1990, and May 23, 1990.

The Need for the Proposed Action:

The proposed change is needed to permit operational flexibility by eliminating unnecessary restrictions to changing from one Operational Condition to another and providing additional time to run surveillances when the specified surveillance interval is inadvertently exceeded. In addition, the clarification of TS 4.0.4 is needed to assure that completion of action requirements will take precedence over surveillance requirements when there is an apparent conflict.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed change to TS and has concluded that the proposed TS would provide a level of safety consistent with the updated Final Safety Analysis Report. Therefore, the proposed amendment does not significantly increase the probability or consequences of any accident. The Commission also concludes that the amendment involves no significant increase in the amounts and no significant change in the types of any effluents that may be released offsite and that there should be no significant increase in individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this proposed action would result in no significant radiological environmental impact.

With regard to potential non-radiological impacts, the proposed change to the TS involves requirements with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendment.

Alternative to the Proposed Action:

Since the Commission concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would result in reduced operational flexibility.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statements related to the operation of Grand Gulf Nuclear Station, Units 1 and 2, dated September 1981.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated August 19, 1988, as supplemented November 9, 1988, December 14, 1988, March 28, 1988, July 27, 1989, April 6, 1990 and May 23, 1990, which are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. and at the Hinds Junior College, McLendon Library, Raymond, Mississippi 39154.

Dated at Rockville, Maryland, this 3rd day of August 1990.

FOR THE NUCLEAR REGULATORY COMMISSION



Theodore R. Quay, Acting Director
Project Directorate IV-1
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation