

November 27, 1989

Docket No. 50-416

Mr. W. T. Cottle
Vice President, Nuclear Operations
System Energy Resources, Inc.
Post Office Box 469
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT REGARDING MANAGEMENT AND OPERATION OF GRAND
GULF NUCLEAR STATION, UNIT 1, BY ENTERGY OPERATIONS INC.,
(TAC NO. 74351)

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 15, 1989, as revised August 22, 1989, for Entergy Operations,
Inc., to assume operation and management of the Grand Gulf Nuclear Station,
Unit 1.

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

Sincerely,

/s/

Dennis M. Crutchfield, Associate Director
for Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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System Energy Resources, Inc.

Grand Gulf Nuclear Station (GGNS)

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UNITED STATES NUCLEAR REGULATORY COMMISSIONSYSTEM ENERGY RESOURCES, INC., et al.DOCKET NO. 50-416GRAND GULF NUCLEAR STATION, UNIT 1ENVIRONMENTAL ASSESSMENT AND FINDING OFNO 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 System Energy Resources, Inc., (SERI or the licensee) acting for itself and as agent for South Mississippi Electric Power Association (SMEPA), and Mississippi Power & Light Company, for operation of the Grand Gulf Nuclear Station, Unit 1, (Grand Gulf 1) located in Claiborne County, Mississippi.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action

The proposed amendment would change license conditions and Technical Specifications (TS) to allow the operation and management of Grand Gulf 1 by Entergy Operations, Inc.

The proposed action is in accordance with the licensee's application for amendment dated August 15, 1989, as revised August 22, 1989.

The Need for the Proposed Action

The licensee proposes to transfer the operation and management responsibility of Grand Gulf 1 to Entergy Operations, Inc. The proposed license conditions and TS will assure that SERI and SMEPA will continue in their present capacity as owners of Grand Gulf 1. The transfer to Entergy Operations, Inc. entails the transfer of Grand Gulf 1 operating and support staff from SERI to Entergy Operations, Inc. All staff and functions for safety, environmental, security, emergency planning, and related disciplines will continue after the amendment

as before. There will be no physical or operation changes associated with this amendment other than the change in name only (to Entergy Operations, Inc.) of the operations, maintenance, engineering, and other nuclear related personnel.

Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed changes to the license conditions and TS. The proposed changes would allow SERI to transfer the operation and management responsibilities of Grand Gulf 1 to Entergy Operations, Inc. The operation and management staff of SERI associated with Grand Gulf 1 will transfer to Entergy Operations, Inc. There will be no changes to the facility or the environment as a result of the license amendment. SERI and SMEPA will continue as owners of the facility. Accordingly, the Commission concludes that this action would result in no radiological or non-radiological environmental impact.

The Notice of Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on September 6, 1989 (54 FR 37047). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Action

It has been determined that there is no impact associated with the proposed amendment; any alternatives to the amendment will have either no environmental impact or greater environmental impact.

Alternative Use of Resources

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

FINDING OF NO SIGNIFICANT IMPACT

Based on the foregoing environmental assessment, the Commission concluded that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed amendment.

For further details with respect to this action, see the request for amendment dated August 15, 1989. Copies of the request for amendment are available for public inspection at the Commission's Public Document Room, 2120 L Street N.W., Washington, D.C. 20555 and at the Hinds Junior College, McLendon Library, Raymond, Mississippi 39154.

Dated at Rockville, Maryland this 27th day of November 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Elinor G. Adensam, Director
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

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