

UNITED STATES NUCLEAR REGULATORY COMMISSION
SYSTEM ENERGY RESOURCES, INC.
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION
MISSISSIPPI POWER AND LIGHT COMPANY
GRAND GULF NUCLEAR STATION, UNIT 1
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 Entergy Operations, Inc. (the licensee), for operation of the Grand Gulf Nuclear Station (GGNS), located in Clairborne County, Mississippi.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed amendment would consist of revisions to 10 CFR Part 20 references to recognize the new section numbers, revise definitions to ensure consistency with 10 CFR Part 20, and change administrative controls for reporting and recordkeeping to maintain compliance with the new Part 20. The changes would revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents and reflect the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302. These changes are in response to the licensee's application for amendment dated August 11, 1993, implementing the new 10 CFR Part 20.

The Need for the Proposed Action:

The proposed action is needed in order to retain operational flexibility consistent with 10 CFR Part 50, Appendix I, concurrent with the implementation of the revised 10 CFR Part 20.

Environmental Impacts of the Proposed Action:

The proposed revision, in regards to the actual release rates as referenced in the Technical Specifications (TSs) as a dose rate to the maximally exposed member of the public, will not increase the types or amounts of effluents that may be released offsite, nor increase individual or cumulative occupational radiation exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendment.

With regard to potential nonradiological impacts, the proposed changes do not affect nonradiological effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

Alternatives to the Proposed Action:

Since the Commission concluded that there are no significant environmental impacts associated with the proposed amendment to the TSs, any alternative to the amendment either will have no significantly different environmental impact or will have greater environmental impact. The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts as a result of plant operation.

Alternative Use of Resources:

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

Agencies and persons consulted:

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

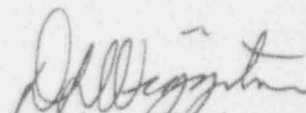
FINDING OF NO SIGNIFICANT IMPACT

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

For further details with respect to this action, see the application for amendment dated August 11, 1993, which is available for public inspection at the Commission's Public Document Room, 2120 L Street, NW., Washington, DC, and at the Judge George W. Armstrong Library, Post Office Box 1406, S. Commerce at Washington, Natchez, Mississippi 39120.

Dated at Rockville, Maryland, this 3rd day of January, 1994.

FOR THE NUCLEAR REGULATORY COMMISSION



David L. Wigginton, Acting Director
Project Directorate IV-3
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20545

Docket File
P Noonan
PO'Connor
Reading

January 3, 1993

DOCKET NO.

MEMORANDUM FOR: Regulatory Publications Branch
Division of Freedom of Information and Publications Services
Office of Administration and Resources Management

FROM: Office of Nuclear Reactor Regulation

SUBJECT: Grand Gulf Nuclear Station

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (5) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s); Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License. (Call with ____-day insert date).
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order.
- Exemption.
- Notice of Granting Exemption.
- Environmental Assessment.
- Notice of Preparation of Environmental Assessment.
- Receipt of Petition for Director's Decision Under 10 CFR 2.206.
- Issuance of Final Director's Decision Under 10 CFR 2.206.
- Other: _____

Division of Reactor Projects - III/IV/V

Enclosure:
As stated

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