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RELATED CORRESPONDENCE

3/31/84

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-416 OL

GRAND GULF NUCLEAR STATION, UNIT 1

DOCKETED  
USNRC

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

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OFFICE OF SECRETARY  
DOCKETING & SERVICE

On June 16, 1982, the U.S. Nuclear Regulatory Commission (the Commission) issued Facility Operating License No. NPF-13 to the Mississippi Power & Light Company, Middle South Energy, Inc., and South Mississippi Electric Power Association (the licensees) authorizing operation of the Grand Gulf Nuclear Station, Unit 1, (the facility) at reactor core power levels not in excess of 191 megawatts thermal (five percent of full power) in accordance with the provisions of the License, the Technical Specifications and the Environmental Protection Plan.

The Commission has now issued Amendment No. 13 to Facility Operating License No. NPF-13 which authorizes operation of the Grand Gulf Nuclear Station, Unit 1, at reactor core power levels not in excess of 3833 megawatts thermal in accordance with the provisions of the amended license. As part of this authorization, the amendment also changes the license conditions related to dynamic testing, dynamic qualification, environmental qualifications, inservice inspections program, containment purge, interplant communication systems, reliability of diesel generators, advisor to Vice President, partial feedwater heating, control room design review, post accident sampling, hydrogen control, and modification of automatic depressurization system logic. Further, the amendment adds license conditions relating to qualification of ADS accumulators, emergency response facilities, evaluation of Technical Specification problem sheets, control room leak rate, and antitrust. The amendment is effective as of the date of issuance.

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The Grand Gulf Nuclear Station, Unit 1, is a boiling water reactor located at the licensees' site in Claiborne County, Mississippi.

The application for the license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter 1, which are set forth in the amended license. Prior public notice of the overall action involving the proposed issuance of an operating license was published in the Federal Register on July 28, 1978 (43 FR 32903). The increase in power level authorized by this amendment and the conditions contained therein are encompassed by that prior notice.

The Commission has determined that the issuance of this amendment will not result in any environmental impacts other than those evaluated in the Final Environmental Statement since the activity authorized by the license is encompassed by the overall action evaluated in the Final Environmental Statement.

In a related action the staff has granted exemptions to Appendix A (General Design Criterion 17) and Appendix J to 10 CFR Part 50.

For further details in respect to this action, see (1) Amendment No. 13 to License NPF-13; (2) the Commission's Safety Evaluation Report, dated September 1981 (NUREG-0831), and Supplements 1 through 6; (3) the Final Safety Analysis Report and Amendments thereto; (4) the Final Environmental Statement, dated September 1981 (NUREG-0777); (5) the Evaluation of the Effect of License Duration on Matters Discussed in the Final Environmental Statement for the Grand Gulf Nuclear Station Units 1 and 2 (dated September 1981); (6) Exemption to Appendices A and J to 10 CFR Part 50 dated **AUG 31 1984**; and (7) the Commission's Memorandum dated August 1, 1984.

These items are available at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20555, and at the George McLendon Library, Hinds Junior College, Raymond, Mississippi 39154. A copy of Amendment No. 13 to Facility Operating License NPF-13 may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing. Copies of the Safety Evaluation Report and its Supplements (NUREG-0831) and the Final Environmental Statement (NUREG-0777) may be purchased at current rates from the National Technical Information Service, Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, and through the NRC GPO sales program by writing to the U.S. Nuclear Regulatory Commission, Attention: Sales Manager, Washington, D. C. 20555. GPO deposit account holders may call (301) 492-9530.

Dated at Bethesda, Maryland, this 31<sup>st</sup> day of August 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing