



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

April 28, 1978

US NRC
REGISTRATION SERVICES
BRANCH

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REGISTRATION
SERVICES UNIT

Mr. Edson G. Case
Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Case:

SUBJECT: Grand Gulf Nuclear Station
File 0272/0260/L-860.0/L-952.0
Proposed Amendment 24 to Application
for Licenses
AECM-78/46

Mississippi Power & Light Company, on behalf of itself and as agent for Middle South Energy, Inc., intends to file an amendment to its Application for Licenses, which will request authorization to operate the Grand Gulf Nuclear Station, Units 1 and 2, for forty years, to power levels up to 3833 MWt per unit. Accordingly, we are forwarding to you for a completeness review, pursuant to 10 C.F.R. Sec. 2.101(a), the following material:

1) Fifteen (15) Acceptance Review copies of the Final Safety Analysis Report (FSAR) for Grand Gulf Nuclear Station (only five (5) copies are included of Appendix 2.3A (Hourly Meteorological Data and Joint Frequency Distributions of Wind Speed and Directions) and of Appendices 2.5A, 2.5B and 2.5C (Core Boring Logs and Geologic Laboratory Test Results))

2) Twenty (20) Acceptance Review copies of the Environmental Report-Operating License Stage (ER) for Grand Gulf.

3) Ten (10) copies of information required, pursuant to 10 C.F.R. Parts 50.33 and 50.37.

4) Five (5) copies of information, proprietary to the General Electric Company, concerning initial core fuel design and off-gas system technology, together with an affidavit prepared by an official of the General Electric Company, itself proprietary, demonstrating why the information should be withheld from public disclosure, in accordance with 10 C.F.R. Sec. 2.790.

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MISSISSIPPI POWER & LIGHT COMPANY

Mr. Edson G. Case
U. S. Nuclear Regulatory Commission

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AECM-78/26

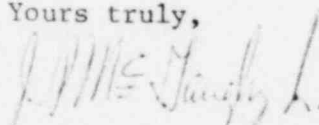
Also being submitted are ten (10) copies of Supplemental Electric Instrumentation and Control Drawings listed in Table 1.7-1 of the FSAR and ten (10) copies of area-composite drawings to assist in your review of the pipe-break report (Appendix 3C of the FSAR.)

Upon your determination of the acceptability of the proposed amendment, we will formally submit the required number of copies of the FSAR, ER, and amendment to Application for Licenses. As discussed with your staff, the Industrial Security Plan, the proposed Technical Specifications and certain other information to be included in the FSAR, will be submitted after docketing. By separate letter to be sent to you by May 15, 1978, we will identify the additional information to be included in the FSAR and will specify the dates by which we expect to submit to you this information, the Industrial Security Plan, and the proposed Technical Specifications. Antitrust information requested by Regulatory Guide 9.3 will be submitted shortly after the operating license review material is formally submitted.

As specified in Section (h) of the amendment to Application for Licenses, we are requesting that the earliest and latest completion dates for each Unit of the Grand Gulf Nuclear Station be changed as set forth therein, and that any public notice which may be considered necessary because of this change be included in the public notice concerning the receipt of the application for operating licenses given pursuant to 10 C.F.R. Sec. 2.101. The reasons for the requested changes are stated in Section (h). While we recognize that the application submitted for the acceptance-review is not under oath, this material will be properly verified upon its submission for docketing.

Please address all communications regarding this matter to those persons indicated in the "Communications" section of our Application for Licenses, included herewith.

Yours truly,



J. P. McGaughy, Jr.
Director of Power Production

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