



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

June 30, 1978

NORRIS L. STAMPLEY  
VICE PRESIDENT

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  
Units 1 and 2  
Docket Nos. 50-416 and 50-417  
File 0272/0260/0277/L-860.0/L-952.0  
Amendment 24 to Application for  
Licenses  
AECM-78/41

Pursuant to 10 CFR Sec. 2.101(a), and in response to your letter dated June 27, 1978, indicating acceptance for docketing of the material tendered on April 28, 1978, Mississippi Power & Light Company for itself and on behalf of Middle South Energy, Inc. herewith files an amendment to the Application for Licenses requesting authorization to operate the Grand Gulf Nuclear Station, Units 1 and 2, for a period of 40 years at power levels up to 3833 MWt. Accordingly, we are forwarding the following material for docketing.

- 1) Eighteen (18) copies of "Amendment to Application for Licenses" containing the general information required by 10CFR Sec. 50.33 and Sec. 50.37.
- ~~X~~ 2) Forty-three (43) sets of the Final Safety Analysis Report (FSAR).
- ~~X~~ 3) Forty-four (44) sets of the Environmental Report-Operating License Stage.

Of the material submitted herewith, three (3) sets of the Application (Items 1, 2 and 3 above) are originals, the remainder being copies thereof.

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; 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 you in review of the pipe-break report (Appendix 3G of the FSAR) were submitted to you on April 28, 1978, and should be considered part of this Amendment to Application for Licenses.

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NOTE — FSAR & ER CONTROLLED & DISTRIBUTED SEPARATELY

Member Middle South Utilities Sys 781810096

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MISSISSIPPI POWER & LIGHT COMPANY

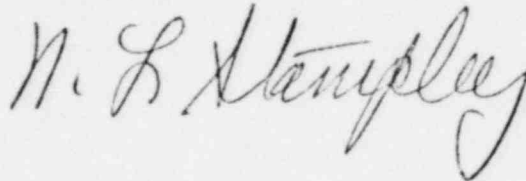
Mr. Edson G. Case  
U. S. Nuclear Regulatory Commission

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Please address all correspondence as indicated in the "Communications" section of the "Amendment to Application for Licenses" submitted herewith. An affidavit that distribution of additional copies of the Application have been made in accordance with 10 CFR Sec. 2.101(a) will be forwarded to you.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. L. Stanley".

LFD/de  
Attachment

cc: Mr. R. B. McGehee  
Mr. T. B. Conner

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