



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

November 30, 1979

NORRIS L. STAMPLEY

VICE PRESIDENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Sir:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0260/0277/L-860.0/L-952.0
Amendment 34 to Application
For Licenses
AECM-79/130

Attached are sixty copies and three notarized originals of Amendment 34 to the Application for Licenses for Grand Gulf Nuclear Station, Units 1 and 2. Amendment 34 consists of responses to second round questions; supplemental responses to first round questions; and miscellaneous refinements of design information.

Also, included is a clarification of the Grand Gulf commitment on containment and equipment loads as discussed in our August 15, 1979 meeting. Specifically, the loading definition of G. E.'s Interim Containment Loads Report (document 22A4365), Revision 2, is utilized for safety-related structures, systems and components in the containment, as amplified below:

- a. For containment structures in-phase SRV bubble loading is utilized with no credit for bubble pressure reduction.
- b. General Electric Caorso data work indicates a 50% SRV bubble pressure reduction. However, for safety related piping and equipment inside containment, out-of-phase SRV bubble loading is utilized with a more conservative 35% bubble pressure reduction.

Sincerely,

PVH/MJD:pa
Attachment

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

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Mr. Victor Stello, Jr., Director
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-416 AND 50-417

IN THE MATTER OF
MISSISSIPPI POWER & LIGHT COMPANY
and
MIDDLE SOUTH ENERGY, INC.

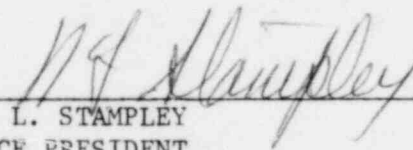
AMENDMENT NO. 34 TO
APPLICATION FOR LICENSES

Mississippi Power & Light Company for itself and on behalf of Middle South Energy, Inc. herewith files this Amendment No. 34 to their Application for Licenses in the form of answers to certain questions relating to the Final Safety Analysis Report and to other matter requested by the Commission in a letter to Mississippi Power & Light Company, dated October 19, 1979.

Respectfully submitted,

Mississippi Power & Light Company

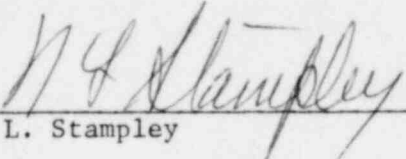
BY


N. L. STAMPLEY
VICE PRESIDENT

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STATE OF MISSISSIPPI
COUNTY OF HINDS

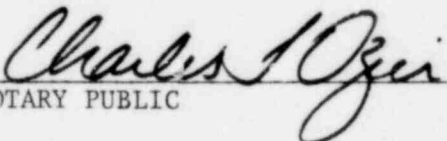
N. L. Stampley, being duly sworn, states that he is a Vice President of Mississippi Power & Light Company, and that he is authorized on the part of said Company and of Middle South Energy, Inc. to sign and file with the Nuclear Regulatory Commission this Amendment No. 34 to Application for Licenses; that he signed the foregoing Amendments to Application for Licenses as Vice President of Mississippi Power & Light Company and as agent for Middle South Energy, Inc., and that the statements made and the matters set forth therein are true and correct to the best of his knowledge, information, and belief.



N. L. Stampley

SUBSCRIBED AND SWORN TO before me, a Notary Public, in and for the County and State above named, this 23rd day of November.

(SEAL)



NOTARY PUBLIC

My commission expires:
My Commission Expires Sept. 5, 1992

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