



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

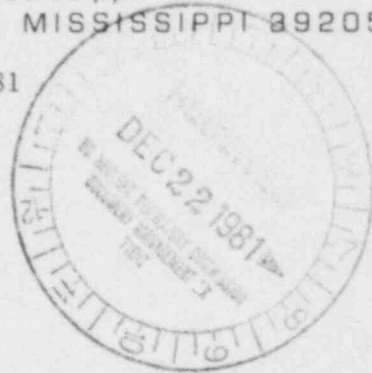
December 17, 1981

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

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

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:



SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0260/0862
In Plant Testing, Submittal of Additional
Information on Kuosheng Testing
AECM-81/485

Our letter of November 18, 1981, (AECM-81/453) provided to you our assessment of the Kuosheng "Quick Look" In Plant Test Report and our conclusion that the data is confirmatory for Grand Gulf. This conclusion is based on the criteria of NUREG 0763. Since that time your staff requested additional information which was presented in a December 2, 1981, meeting. This letter will document the discussions of that meeting, and serves to transmit additional data requested at that time.

- 1) Attachment A provides a copy of meeting slides presented in response to your questions (29 pages).
- 2) Attachment B provides a copy of all acceleration response spectra (ARS) which have been used in our evaluation. This includes all single valve, consecutive valve, and multiple valve actuations. (155 pages)
- 3) Attachment C provides a discussion of selected ARS comparisons (Kuosheng predicted vs. Kuosheng measured vs. Grand Gulf predicted). This discussion addresses minor differences in the spectra and explains why there is no impact to design. (3 pages)
- 4) Attachment D provides a Pressure Response Spectra (PRS) comparison as a part of our final evaluation scheduled for March of 1982. This comparison was requested to assist the NRC in the assessment of the load definition although we feel the ARS comparisons presented to date confirm a conservative design regardless of the results of this PRS comparison.

As discussed in our November 8, 1981 letter, it is MP&L's position that the Kuosheng data is confirmatory to Grand Gulf and that review of the data confirms a conservative design. It remains our intent to provide our final evaluation in March, 1982, immediately following the Kuosheng Final report. No additional testing is planned for Grand Gulf Nuclear Station, Unit 1.

PBO/

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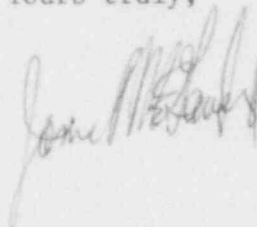
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Consistent with previous submittals, we request that this data be handled as proprietary in accordance with 10 CFR 2.790. We appreciate your assistance in this matter. If you have any questions, please advise.

Yours truly,



TMJ/PJR/JDR/LFD:rg

Attachments

cc: Mr. N. L. Stampley (w/o)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

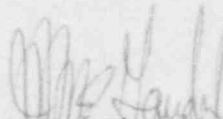
Mr. Richard C. DeYoung, Director (w/o)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

AFFIDAVIT

STATE OF MISSISSIPPI
COUNTY OF HINDS

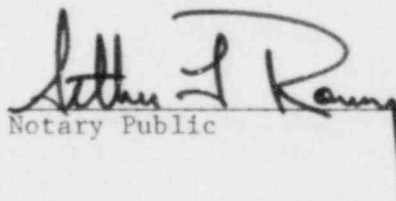
J. P. McGaughy, Jr., being duly sworn, states that he is Assistant Vice President - Nuclear Production, of Mississippi Power & Light Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission on behalf of said Company, Middle South Energy, Inc., and the South Mississippi Electric Power Association, this statement that the slides that are stamped "Proprietary" and serve as attachments to the accompanying letter AECM-81/485 contain trade secrets proprietary to Taiwan Power Company, a foreign corporation of the State of Taiwan.

Said J. P. McGaughy further states that he is requesting exemption from public inspection, pursuant to 10 CFR 2.790(a)(4), as a domestic licensee of said trade secrets owned by said foreign corporation; and that the statements made and matters set forth herein are true and correct to the best of his knowledge, information and belief.



J. P. McGaughy, Jr.

SUBSCRIBED AND SWORN TO before me, a Notary Public, in and for the County and State above named, this 17th day of December, 1981.



Notary Public

My commission expires:

13 FEBRUARY 1985