



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

May 14, 1984

NUCLEAR PRODUCTION DEPARTMENT

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
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
License No. NPF-13
File 0260/L-860.0
Interim Reliability/Risk
Assessment on GGNS AC
Power Supply Systems
AECM-84/0123

The May 6, 1984, Mississippi Power & Light Company (MP&L) letter to you provided additional information supporting MP&L's conclusions on the reliability of onsite/offsite power supply systems associated with Grand Gulf Nuclear Station. MP&L management and technical representatives met with your staff on May 7, 1984, to discuss MP&L's position and proposed alternatives regarding a confirmatory inspection of one of the diesel engines installed at GGNS manufactured by Transamerica Delaval, Inc.

One facet of the MP&L position involves the overall reliability of the onsite/offsite power supply system. To address this point an interim reliability/risk assessment of the power supply system was performed. Summary information regarding this assessment was provided in the above referenced MP&L letter. The assessment was presented and discussed in some detail at our May 7, 1984 meeting. As requested by your staff, a final report on this assessment is provided as an attachment to this letter for your information and review. The assessment and report was developed for MP&L primarily by Impell Corporation.

Please advise if you require additional information in regard to this report.

Yours truly,

L. F. Dale
Manager of Nuclear Services

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Attachment
cc: (See Next Page)

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Member Middle South Utilities System

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MISSISSIPPI POWER & LIGHT COMPANY

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. N. S. Reynolds (w/o)
Mr. G. B. Taylor (w/o)

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

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