



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

85 FEB 22 P February 18, 1985

NUCLEAR LICENSING & SAFETY DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30323

Attention: Dr. J. Nelson Grace, Regional Administrator

Dear Dr. Grace:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
File: 0260/L-835.0
Special Report 84-37/1, Update
Report, Inoperability of the
Loose Parts Detection System
AECM-85/0050

On November 29, 1984, the Loose Parts Detection System had been declared inoperable for 30 days reaching the 30 day Limiting Condition for Operation (LCO) time limit of Technical Specification 3.3.7.10. The system was declared inoperable at approximately 19 percent reactor power during startup testing when a high alarm sealed in with no loose parts present. When reactor power was raised above 25 percent the alarms cleared.

Further investigation revealed the alarms to be most susceptible to changing plant conditions below 25 percent reactor power when the background noise level is greatest. This problem has not been experienced at higher power operation. The Loose Parts Monitoring System is considered to be operable and the Alarm Reponse Instruction is being revised to instruct operators in the appropriate actions to take if an alarm is received.

This Special Report is submitted as an update to AECM-84/0529 dated December 10, 1984.

Yours truly,

[Handwritten signature]

L. F. Dale
Director

EBS/SHH:vog

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cc: Mr. J. B. Richard
Mr. R. B. McGehee
Mr. N. S. Reynolds
Mr. G. B. Taylor

Mr. Richard C. DeYoung, Director
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