



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

02 DEC 22 1983

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. F. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File 0260/L-835.0
Special Report 83-112/0 -
Smoke Detectors Alarmed and
Would Not Reset
AECM-83/0797

On November 10, 1983, smoke detectors in zones 1-4 and 1-11 were in alarm and would not reset. Fire watches were established in accordance with Technical Specification 3.3.7.9.

Maintenance personnel cleaned the detectors and performed a functional check. The zones were reset and restored to operability on December 12, 1983. The cause is attributed to the accumulation of dust particles on the ionization detectors.

This is reported as a Special Report pursuant to Technical Specification 6.9.2 since the fourteen (14) day Limiting Condition for Operation (LCO) was exceeded. The event had no effect on the health and safety of the public and did not constitute a threat to plant safety. This is a final report.

Yours truly,

L. F. Dale

for L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap

cc: (See Next Page)

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Member Middle South Utilities System

MISSISSIPPI POWER & LIGHT COMPANY

cc: Mr. J. B. Richard
Mr. R. B. McGehee
Mr. T. B. Conner
Mr. G. B. Taylor

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

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