



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

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NUCLEAR LICENSING & SAFETY DEPARTMENT

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

Attention: Mr. J. P. 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 84-025/0 - Smoke
Detector N534C Alarmed and Would
Not Reset
AECM-84/0316

On May 9, 1984, smoke detector N534C, located in the corridor between the HPCS diesel generator room and the Auxiliary Building (Zone 2-10), was in alarm and would not reset. A fire watch was established in accordance with Technical Specification 3.3.7.9.

The cause was due to the accumulation of dust particles on the ionization detector. Maintenance personnel replaced the detector and performed a functional check. The zone was reset and restored to operability on May 23, 1984.

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
Director of Nuclear Licensing & Safety

EBS/SHH:rg

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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
Office of Inspection & Enforcement
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