



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

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September 7, 1984

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 84-034/0 -
Division 2 Diesel Generator Fuel
Oil Return Line Leak
AECM-84/0445

On August 5, 1984, the Division 2 diesel generator was shutdown during a routine surveillance when a fuel oil return line developed a leak. The leak was apparently due to physical damage (crimped or bent line) incurred during maintenance activities. MP&L had previously initiated action to replace the carbon steel lines with stainless steel lines when problems with the thinner walled carbon steel tubing occurred. Due to this event, MP&L decided to immediately replace all 1/4 inch I.D. X 0.028 inch wall thickness carbon steel return lines with 1/4 inch I.D X 0.049 inch wall thickness stainless steel lines. This should minimize any future leaks caused by maintenance activities on the diesel generators.

This Special Report is submitted pursuant to Regulatory Guide 1.108 and Technical Specification 4.8.1.1.3.

Yours truly,

L. F. Dale
Director

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
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555