



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

34 SEP 10 P 1:20  
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

cc: See next page

8409240265 840907  
PDR ADOCK 05000416  
S PDR

Member Middle South Utilities System

OFFICIAL COPY

40  
TE 22

## MISSISSIPPI POWER &amp; LIGHT COMPANY

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