



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

June 27, 1983

JAMES P. MCGAUGHY, JR.  
VICE PRESIDENT

Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30303

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 83-027/1 -  
Update Report - Results of  
Seismic Monitoring System  
Functional Test Determined  
Unacceptable  
AECM-83/0368

This is an update to a previous report submitted on April 29, 1983. The event for which the report was submitted occurred on March 21, 1983, when during performance of a Seismic Monitoring System Functional Test (06-OP-C85-M-0001) operation of the chart recorders and Spectrum Analyzers was determined to be unacceptable. The system was declared inoperable and a Limiting Condition for Operation (LCO) was entered in accordance with Technical Specification 3.3.7.2. This was submitted as a Special Report pursuant to Technical Specification 6.9.2 as the 30 day LCO time limit was exceeded.

Maintenance Work Authorizations (MWOs) were issued for investigation and correction. The cause of the malfunction was determined to be a faulty circuit card. The card was replaced and the surveillance was performed satisfactorily. The system was restored on May 19, 1983. This is a final report.

Yours truly,

*J.P. McGaughy*  
for J.P. McGaughy

JPM:sap

cc: (See Next Page)

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

Mr. Richard C. DeYoung, Director  
Office of Inspection & Enforcement  
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