



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 18, 1982

JAMES P. McGAUGHY, JR.  
ASSISTANT VICE PRESIDENT

Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N.W.  
Suite 3100  
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 0260/15525/15526  
PRD-82/23, Interim Report #3,  
Corroded Terminal Boards  
AECM-82/478

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REGIONAL OFFICE  
ATLANTA, GEORGIA

Reference: AECM-82/226, 5/21/82  
AECM-82/455, 8/6/82

On April 21, 1982, Mississippi Power & Light Company notified Mr. R. Butcher, of your office, of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns corroded terminal boards on pressure transmitters, flow transmitters, and level transmitters utilized in safety related applications at GGNS.

As reported previously, we have determined that this condition is reportable under the provisions of 10CFR50.55(e) because the corroded terminal boards could cause erroneous signals or loss of signals from the transmitters and therefore could have affected adversely the safety of operations of the nuclear power plant. Reportability under 10CFR21 is still being evaluated.

Our investigation into the cause and extent of the deficiency has produced no new information since our last report. An independent laboratory is presently analyzing one of the corroded transmitters to try to determine the specific cause of the corrosion. A final report will be submitted after the results of the laboratory analyses become available. We expect this to be completed by December 15, 1982. This report was originally due on October 15, 1982, but a one day extension was granted on that day by Mr. R. Butcher.

Yours truly,

KDS:dr  
cc: See page 2

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Mr. J. P. O'Reilly  
NRC

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cc: Mr. N. L. Stampley  
Mr. R. B. McGehee  
Mr. T. B. Conner

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