



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

May 29, 1981

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, Director

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416/417
File 0260/15525/15526
PRD-79/03, Final Report, Failure
to Establish a QA Program
AECM-81/171

References: 1) AECM-79/20, 3/15/79
2) AECM-79/57, 6/1/79
3) AECM-79/100, 9/5/79
4) AECM-80/34, 1/31/80
5) AECM-80/117, 5/30/80
6) AECM-80/155, 7/14/80
7) AECM-80/210, 9/8/80
8) AECM-81/48, 1/30/81



On February 12, 1979, Mississippi Power & Light Company notified Mr. J. K. Rausch, of your office, of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns the failure of a General Electric subcontractor, I&SE, to establish and implement an approved quality assurance program for electrical work performed under GE Field Deviation Disposition Requests (FDDR) and Field Deviation Instructions (FDI).

Our evaluation has shown that the effects of the deficiencies upon safety of plant operations do not meet the requirements of 10CFR50.55(e) or 10CFR21.

Our most recent report (Reference 8) should have been titled Status Report No. 8 instead of Status Report No. 7. Our final report is attached.

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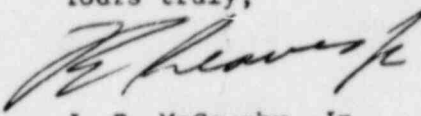
Member Middle South Utilities System

Mr. J. P. O'Reilly
NRC

AECM-81/171
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Per a telephone conversation with your Mr. Art Johnson on May 22, 1981, our Mr. T. E. Reaves, Jr. obtained an extension for filing this report from 5/22/81 to 5/29/81.

Yours truly,


for J. P. McGaughy, Jr.

EWC:mt
Attachment

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

Mr. Victor Stello, Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. G. B. Taylor
South Miss. Electric Power Association
P. O. Box 1589
Hattiesburg, MS 39401

FINAL REPORT FOR PRD-79/03

I. Description of the Deficiency

This deficiency concerns the failure of General Electric Installation & Service Engineering (GE-I&SE), a subcontractor of General Electric, to establish and implement an approved quality assurance program for electrical work performed under Field Deviation Disposition Requests (FDDRs) and Field Deviation Instructions (FDIs).

II. Analysis of Safety Implications

An approved quality assurance program was implemented, and a reinspection of all previous work was made. Two discrepancies found as a result were evaluated for their effect on safety and were found not to meet the requirements of 10CFR50.55(e) or 10CFR Part 21.

III. Corrective Actions Taken

1. The GE-I&SE QA Manual was revised to incorporate electrical work performed by GE-I&SE, reviewed and implemented on February 16, 1979.
2. An inspection was conducted of all GE-I&SE work prior to the manual issuance on February 16, 1979 to insure compliance with the current QA Manual revisions. A review was made of all 55 FDDRs and all 111 FDIs originated and approved for implementation prior to February 16, 1979. The purpose of this review was to inspect all work performed by GE-I&SE prior to issuance of the applicable Quality Assurance Manual on February 16, 1979.

All 55 FDDRs were considered and only 4 required inspection. Of the 4 inspected, no discrepancies were found.

All 111 FDIs were considered and 96 were eliminated because they were (1) superseded or cancelled, (2) not issued for work prior to February 16, 1979, or (3) previously inspected and documented. The remaining 15 were transmitted to the Constructor for inspection. The inspection revealed two discrepancies: A terminal board damaged on one corner apparently after delivery of equipment and the installation of an incorrect isolator in panel H13-P872. These two discrepancies were determined not to meet the requirement of 10CFR50.55(e).

bcc: Dr. D. C. Gibbs
Mr. D. C. Lutken
Mr. J. N. Ward
Mr. R. L. Scott
Mr. R. Trickovic
Mr. J. W. Yelverton
Mr. L. F. Dale
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Mr. P. A. Taylor
PRD File
File