



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

March 25, 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

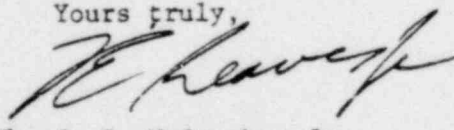
Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416/417
File 0260/15525/15526
PRD-80/71, Status Report #2,
Control Room HVAC Fire Dampers
AECM-81/117

On December 16, 1980, Mississippi Power & Light Company notified Mr. J. Rausch, of your office, of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns the modification of the control room HVAC fire dampers.

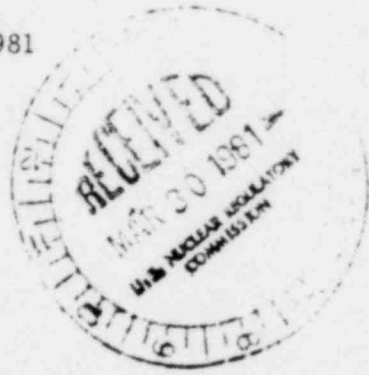
Investigation as to the reportability of this matter is continuing. Attached is our Status Report No. 2. We expect to complete our investigation and submit a final report on or before August 30, 1981.

Yours truly,


For J. P. McGaughy, Jr.

WHU:mt
Attachment

cc: See page 2



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Member Middle South Utilities System

MISSISSIPPI POWER & LIGHT COMPANY

Mr. J. P. O'Reilly
NRC

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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

STATUS REPORT NO. 2 FOR PRD-80/71

I. Description of the Deficiency

Type 2 trap door fire dampers were modified in the field by the subcontractor, General Mechanical Contractors (GMC), without vendor, American Warming & Ventilating (AWV), approval. Hinge joints and latches were relocated 90 degrees from design location affecting the geometry of the installation.

The system affected by this deficiency is the Control Room HVAC System (Z51) and is applicable to Unit 1 and common area. Part 21 not applicable as the system has not been turned over to MP&L.

The possibility exists that during a seismic event the safe operation of the control room HVAC system could be affected if the fire dampers were to fail as a result of the modification.

II. Approach to Resolution of the Problem

Our constructor's contract administration personnel provided unauthorized engineering direction to the subcontractor to modify the fire dampers in violation of programmatic requirements. Our constructor has not completed inspection of all safety-related fire dampers.

Inspections, to date, have identified eight (8) modified fire dampers in both safety-related and non-safety-related systems. There was no modification of Type 2 fire dampers in Unit II; thus, the deficiency is only applicable to Unit I.

All persons in our constructor's Contracts Department have been instructed that any modification to vendor equipment necessitates prior vendor approval. The instruction was performed and documented on January 9, 1981.

As-built information has been sent to the vendor and is currently being evaluated for seismic and UL qualification.

The results of the above inspection is being documented. Remedial actions to correct the known nonconformances will be taken after our Architect/Engineer evaluates the inspection documentation.

III. Status of Proposed Resolution

The impact of this deficiency on safety has not been determined.

Our Architect/Engineer has not received the results of the review requested from the vendor; therefore, thorough evaluation cannot be accomplished at this time. Some dampers will be replaced with new units. The impact on safety, had the dampers remained uncorrected, is being evaluated, but has not yet been determined.

This deficiency was caused by unauthorized engineering instructions for modification of the fire dampers. These changes did not receive vendor (AWV) approval.

The documented training of our constructor's Contract Administration personnel should preclude the recurrence of this problem.

IV. Reasons Why A Final Report Will Be Delayed

Our Architect/Engineer is currently reviewing all aspects of this deficiency. Evaluation cannot be completed until the vendor's review of this problem is completed.

V. Date When A Final Report Will Be Submitted

We expect to submit our final report on this matter on or before August 30, 1981.