



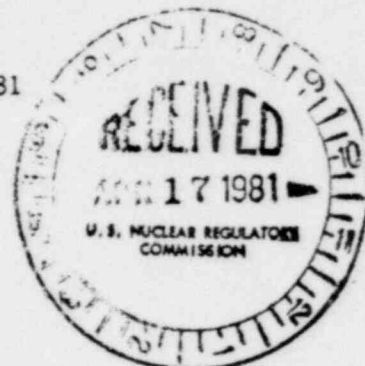
MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

April 14, 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-80/73, Instrument Process
Tubing, Status Report No. 2
AECM-81/144

On December 30, 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 discrepant slopes in instrument process tubing.

This deficiency is currently under investigation. We expect to provide to you our final report and determination of reportability by August 12, 1981. Our findings and corrective actions, to date, are summarized in the attached status report.

Yours truly,

for J. P. McGaughy, Jr.

WHU:mt
Attachment

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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

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-80/73

I. Description of the Deficiency

A random sample of instrument process tubing has disclosed a number of installations that do not meet the minimum slope requirement of the appropriate specification. Several of the discrepant installations have been accepted by the Constructor's Field Engineering and Quality Control sections. This renders the quality of all installed safety related tubing indeterminate. All Unit 1 instrumentation systems could be affected. The potential exists for the deficiency, as noted, to produce an error in essential instrumentation in excess of design limits. Potentially, inaccurate instrument readings/trips could adversely affect the safe operation of the plant.

II. Approach to Resolution of the Problem

The process tubing installation specifications state that a support be established on a 1 inch per foot slope. If for any reason the support moves up, which could be caused by the drill wandering when drilling a hole, a nonconformance to the slope specification could result. Because the design and layout of the tubing installation is to the minimum requirements of the specification, there is no latitude for problems encountered during the installation of the instrument process tubing.

Reinspection of the instrument process tubing is currently in progress. The full extent of this deficiency cannot be determined until this inspection is complete. Our Architect/Engineer has revised the slope requirements and is coming to the jobsite to indoctrinate our constructor's Field Engineers and Quality Control Engineers on the interpretation of the new slope requirements.

III. Status of Proposed Resolution

A reinspection of all safety related instrumentation installations is currently underway to determine acceptance under the new criteria, and all nonconformances will be documented. This reinspection is partially completed and areas of nonconformance have been identified and sent to our Architect/Engineer.

We anticipate completion of these inspections by April 30, 1981.

IV. Reason Why A Final Report Will Be Delayed

The complete reinspection is being accomplished using the schedule of system turnover dates to Mississippi Power & Light for establishing inspection priorities. At the completion of the reinspection, our Architect/Engineer will require time to evaluate and analyze the findings.

V. Date When Final Report Will Be Submitted

We expect to complete our evaluation and submit our final report on or before August 12, 1981.