



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

OFFICIAL COPY

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

June 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-81/28, Status Report #1,
HPCS Vessel Inspection Test
Connection Failure
AECM-81/232

On May 27, 1981, Mississippi Power & Light Company notified Mr. F. S. Cantrell, 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 test connection pipe off the HPCS injection line on the containment side of the HPCS injection valve (QIE22-F004)

We have not completed our investigation to determine reportability. We expect to submit a final report by October 29, 1981.

Yours truly,

J. P. McGaughy, Jr.
J. P. McGaughy, Jr.

ATR:dr
ATTACHMENT

cc: See page 2

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Mr. J. P. O'Reilly
NRC

AECM-81/232
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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

bcc: Dr. D. C. Gibbs
Mr. J. N. Ward
Mr. J. P. McGaughy
Mr. W. A. Braun
Mr. R. Trickovic
Mr. J. W. Yelverton
Mr. L. F. Dale
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Mr. R. A. Ambrosino
Mr. R. C. Fron
Mr. G. B. Rogers
Mr. M. R. Williams
Mr. L. E. Ruhland
Mr. D. L. Hunt
Mr. A. G. Wagner
Mr. P. A. Taylor
PRD File
File

STATUS REPORT #1 TO PRD-81/28

I. Description of Deficiency

While running HPCS vessel injection testing at 40% of rated flow for the collection of pipe vibration data, the test connection on the containment side of valve F004 was found broken off. The small pipe break occurred between valve F02i and the branch connection to the injection piping.

II. Approach to Resolution of the Problem

- A. An investigation is to be conducted to determine:
 - 1. The cause of the deficiency.
 - 2. The extent of the deficiency.
- B. Based on the results of the above investigation, an evaluation will be made to determine:
 - 1. Reportability under 10CFR50.55(e) and 10CFR21.
 - 2. Corrective actions to preclude recurrence.
 - 3. Remedial actions to correct this deficiency and others, if any, identified during the investigation.

III. Status of Proposed Resolution

The investigation is in progress by our Architect/Engineer. To date, neither the cause nor the extent of the deficiency have been determined. It does appear, however, that the deficiency is limited to the non-NSSS scope of supply.

IV. Reason Why a Final Report Will Be Delayed

The investigation into the cause and extent of the deficiency has not been completed.

V. Date When a Final Report Will Be Submitted

We expect to submit a final report by October 29, 1981.