

PART 21 IDENTIFICATION NO. 81-388-000 COMPANY NAME Missouri Power

DATE OF LETTER 3/16/81 DOCKET NO. 50-416/V17

DATE DISTRIBUTED _____ ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR (R)

IE FILES
EES - Mills

REGIONS I, II, III, IV, V

VENDOR BR. R-IV

LOEB / MPA MNB 5715

AEOD MNB 7602

NRR/DOE

NRR/DSI

NRR/DST

NRR/DOL

ASLBP E/W 450

FUEL CYCLE &

MATERIALS (M)

IE FILES

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REGIONS I, II, III, IV, V

VENDOR BR. R-IV

NMSS / FCMS SS-396

LOEB / MPA MNB 5715

AEOD MNB 7602

ASLBP E/W 450

SAP/SP MNB-7210A

SAFEGUARDS (S)

IE FILES

AD/SG

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REGIONS I, II, III, IV, V

VENDOR BR. R-IV

NRR/DOL

NMSS / SG SS-881

LOEB / MPA MNB 5715

AEOD MNB 7602

ASLBP E/W 450

CENTRAL FILES 016

CENTRAL FILES (CHRON)

PDR

LPDR

TERA

CENTRAL FILES 016

CENTRAL FILES (CHRON)

CENTRAL FILES SS-396

PDR

LPDR

TERA



CENTRAL FILES 016

CENTRAL FILES (CHRON)

PDR

LPDR

~~TERA~~

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE

NRR

NMSS

OTHER

EES

S 8104010567

REV. 8/1/80
9/17/80
12/2/80

81-388-000 Victor Stello



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

March 16, 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-80/60, Status Report #3, RCI
Design Drawing Verification
AECM-81/110

On September 25, 1980, Mississippi Power & Light Company notified Mr. M. Hunt, of your office, of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns Reactor Controls, Inc. (RCI) issuance of drawings prior to verification of design adequacy.

Our investigations into reportability under 10CFR50.55(e) and 10CFR21 continue. As is outlined in our status report, attached, we expect to provide our final report by August 6, 1981.

Yours truly,

J. P. McGaughey, Jr.

CWH:mt
Attachment

cc: See page 2

MISSISSIPPI POWER & LIGHT COMPANY

Mr. J. P. O'Reilly
NRC

AECM-81/110
Page 2

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 #3 TO PRD-80/60

I. Description of the Deficiency

Design adequacy verification was not performed by Reactor Controls, Inc. (RCI) prior to issuance of drawings for fabrication and installation of component supports. The affected drawings concern the Control Rod Drive Hydraulic System (C11) and the Neutron Monitoring System (C51). Both Units 1 and 2 are affected. The impact on safety has not been determined.

II. Approach to Resolution of Problem

This deficiency was caused by a lack of a RCI program requirement for providing objective evidence of design adequacy verification. Any design activity performed by RCI could be involved.

RCI has revised their QA manual to include appropriate signoffs on design documents for evidence of design adequacy verification prior to issuance.

Our constructor has issued a Stop Work on any safety related work to be performed by RCI until verification of design adequacy has been substantiated.

RCI will evaluate the condition for effect on safety of plant operations.

III. Status of Proposed Resolution

Our Architect/Engineer has rejected RCI's initial evaluation of the effects on safety caused by this condition. The present "as-built" condition will be re-analyzed using "new loads" criteria. Any supports that do not meet the new loads criteria will be analyzed to the original loads. This re-evaluation is currently in progress. Until it is complete and accepted by our constructor, the Stop Work will remain in place.

IV. Reason for Delay in Final Report

RCI is re-evaluating effects on safety.

V. Date When Final Report Will Be Submitted

We project that corrective actions will be completed and a determination of reportability under 10CFR21 and 10CFR50.5(e) be made by August 6, 1981, the date we project for our final response.