

MEMO TO: File

FROM: T. E. Reaves, Jr., Manager of Quality Assurance

SUBJECT: PRD-82/31, Setpoints for Relief Valves on the FPCCU System Heat Exchangers

FILE: 0290/0490/15525/15526

PMI-82/4172

On May 28, 1982, Mississippi Power and Light notified the NRC of a Potentially Reportable Deficiency (PRD) concerning setpoints for relief valves on the Fuel Pool Cooling and Cleanup (FPCCU) System Heat Exchangers.

On June 22, 1982, MP&L QA received a letter, PMI-82/3815 (dated 6/21/82), from MP&L Nuclear Plant Engineering stating that this potential deficiency would not adversely effect the safety of operations of GGNS. On June 23, 1982, QA informed the NRC that MP&L had determined that this potential deficiency was not reportable under the provisions of 10CFR50.55(e). The PRD was withdrawn with the understanding that a formal report would be submitted if requested by the NRC at a later date.

On July 1, 1982, Mr. R. Butcher, NRC Region II, conducted an exit interview at GGNS. He informed MP&L that during his inspection he reviewed MP&L's rationale concerning the reportability of the deficiency. He stated that he believed the deficiency to be reportable and that MP&L should submit a formal report to the NRC. As a result, on July 2, 1982 MP&L telephoned Mr. Butcher to request and was granted an extension for submission of a written report until July 9, 1982.

On July 7, 1982, Mr. Butcher called MP&L QA and stated that per further conversations with members of the NRC Region II staff, PRD-82/31 would not need to be reported to the NRC in a formal report. The PRD would, therefore, be considered withdrawn.

This PRD is considered closed.

RDC:dl

Attachment: A - PRD-82/31

cc: Mr. N. L. Stampley, w/o
Mr. J. P. McGaughy, Jr., w/o
Mr. L. F. Dale, w/o
Mr. C. K. McCoy, w/o
Mr. J. F. Pinto, w/o
Mr. C. C. Hayes, w/o

T. E. R.
7/9/82

DESIGNATED ORIGINAL
Certified By *ehw*
7E 27

Mr. J. W. Yelverton, w/o
PRD-82/31, w/a
Manual File, w/a

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PDR ADOCK 05000416
S PDR

MISSISSIPPI POWER & LIGHT COMPANY

POTENTIALLY REPORTABLE DEFICIENCY (PRD)

PRD # 82/31

I. DESCRIPTION: Nonconformance Document Number

Deficiency Affects:

SEE ATTACHMENT "A"

Unit 1? X

Yes

No

Unknow

Unit 2? X

Yes

No

Unknow

Date: 5/26/82

Identifier S. E. Thomas

Organization NPE

II. DETERMINATION OF EFFECT ON SAFE OPERATION OR SUBSTANTIAL SAFETY HAZARD:

_____ Could have adversely affected the safe operation of the plant or is a substantial safety hazard.

_____ Could not have adversely affected the safe operation of the plant or is not a substantial safety hazard.

X Unable to determine.

Engineering Organization NPE

Documentation PMI-82/3196, 5/26/82

III. POTENTIALLY REPORTABLE?

X Yes

No

Signature

Manager of QA

Date

6-1-82

IV. NOTIFICATION TO NRC:

10CFR50.55(e)

Person Notified: R. Butcher

How Notified:

Telephone

10CFR21

Person Notified:

How Notified:

Notified By: A. T. Ramey

Date: May 26, 1982

Notified By:

Date:

V. EVALUATION OF 10CFR50.55(e) REPORTABILITY:

Reportable per 10CFR50.55(e)? YES (NO)

See PMI-82/3815, 6/21/82 RDC 7/9/82

Signature

Date

7-9-82

VI. EVALUATION OF 10CFR21 REPORTABILITY:

(CIRCLE ONE)

Received Component? Yes

Reportable per 10CFR21? YES (NO)

Failure to Comply? _____

See PMI-82/3815, 6/21/82 RDC 7/9/82

Signature

Signature

Date

Date

7-9-82

7-9-82

VII. RECEIPT OF 10CFR21 INFORMATION - Assistant Vice President use only

Signature

Date

Time

DESCRIPTION

The Fuel Pool Cooling and Cleanup (FPCCU) Heat Exchangers (Q1G41B001A&B) are fitted with relief valves set in excess of the design pressure. The equipment is designed under ASME Section III, Subsection ND (Class 3). ND-7511, Set Pressure Limitations, states that the set pressure of at least one pressure relief device connected to the system shall not be greater than the design pressure of the system at design temperature. GE Document 21A9520AB Rev. 7, Fuel Pool Heat Exchanger Data Sheet, states the design pressure as 250 psig and 150 psig for the shell and tube sides of the heat exchanger, respectively. GE drawing VPF 5202-1-7 shows the set pressures at 275 psig and 165 psig. The vendor is Atlas Industrial Manufacturing Co., 81 Somerset Place, Clifton, N.J.

bcc: Mr. R. Butcher