

LICENSEE EVENT REPORT

Attachment to AECM-84/0172

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CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 M S G G S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 37 46 56
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

CON'T

REPORT SOURCE: 01 L 6 0 5 0 0 0 4 1 6 7 0 9 0 8 8 3 8 0 3 2 1 8 4 8

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On September 8, 1983, an operator discovered valve P64F467 closed. The

0 3 valve supplies operating pressure to the CO2 fire protection master

0 4 selector valve which must be operable for the CO2 to discharge from the

0 5 tank to the main header. The closed valve isolated the CO2 protection

0 6 required by T.S.3.7.6.3. This is reported pursuant to T.S.6.9.1.12.b.

0 7 This is a final report.

[illegible]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 It could not be determined why the valve was closed. The valve is now
11 locked open. Associated prints and procedures were revised to reflect
12 this requirement. Since a design change was initiated to correct the
13 prints prior to the event, all outstanding change requests initiated to
14 revise prints were reviewed for effect on operating instructions.

FACILITY STATUS (8) 28 0 0 0 29 NA 30 METHOD OF DISCOVERY (31) A 31 Incidental Observation 32 DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 I (33) 2 (34) NA

7 8 9 10 11 44

NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	37	Z	38	NA	39

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)
1 8 0 0 0 40 NA

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
[1] [9] [Z] (42) NA
S

8403300027 840321
PDR ADCK 05000416 PDR
S

7 8 9 10 80

PUBLICITY

ISSUED DESCRIPTION (45)

2 0 44 NA

NRC USE ONLY

NAME OF PREPARER Ron Byrd

PHONE: _____

1-800-917-9286

Supplementary Information to
LER 83-122/01 X-1

Mississippi Power & Light Company
Grand Gulf Nuclear Station - Unit 1
Docket No. 50-416

Technical Specification Involved: 3.7.6.3
Reported Under Technical Specification: 6.9.1.12.b

Event Narrative:

This is an update to a previous report submitted on September 20, 1983. The event for which the report was submitted is described in the following paragraphs.

On September 8, 1983, during preparation to repair a CO₂ leak downstream of valve P64F467, the valve was found already closed. The valve must be open to supply operating pressure to the CO₂ fire protection master selector valve. The master selector valve (F373) is required to be operable for the CO₂ to discharge from the tank to the main header. The closed valve isolated all CO₂ fire protection. The valve was reopened after discovery.

The valve was inadvertently closed. It could not been determined who closed the valve or why it was closed. The maintenance work authorization to repair the leak was initiated on August 5, 1983. The mechanic surveying the job scope around August 7 noted the leak was still present (valve was open). In addition, it is known that the valve was open on August 16 when a fuse supplying the master selector valve blew causing CO₂ to discharge into the main header. Therefore, the valve was apparently closed sometime between August 16 and September 8, 1983.

Further investigation revealed that the present piping and instrumentation drawings did not reflect the correlation between valve F467 and the selector valve, F373. However, a design change (DCR 83-394) had been requested to show the valve locked open and to reflect the as built condition. Also, the System Operating Instruction (04-1-01-P64-3) and the Valve Lineup Verification Surveillance (06-OP-SP64-M-0011) did not include valve F467 in the valve lineups. The system was reviewed for similar deficiencies which could cause isolation. None were found.

The procedures were revised to require the valve to be locked open. All outstanding design changes which were initiated to reflect the as-built condition of the plant have been reviewed for their affect on system operating instructions. Affected instructions were revised accordingly.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

84 MAR 26

AIO: 19

March 21, 1984

NUCLEAR PRODUCTION DEPARTMENT

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File: 0260/L-835.0
Update Report - CO₂ Fire Protection
System Inoperable
LER 83-122/01 X-1
AECM-84/0172

This letter submits an update to a previous report submitted on September 20, 1983. The event for which the report was submitted occurred on September 8, 1983, when an operator discovered the valve which supplies operating pressure to the CO₂ fire protection master selector valve closed. The selector valve must be operable to allow CO₂ to discharge from the tank to the main header. The closed valve isolated the CO₂ fire protection system which is required to be operable by Technical Specification 3.7.6.3. This was reported pursuant to Technical Specification 6.9.1.12.b.

Corrective action for the above event is complete. This is a final report. Attached is LER 83-122/01 X-1 with Supplementary Information.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:rg
Attachment

cc: See next page

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MISSISSIPPI POWER & LIGHT COMPANY

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