U. S. NUCLEAR REGULATORY COMMISSION

Attachment to AECM-83/0597

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 LICENSEE CODE: M S G G S 1 (2) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)

CON'T 0 1 REPORT SOURCE: L (6) DOCKET NUMBER: 0 5 0 0 0 4 1 6 (7) EVENT DATE: 0 9 0 3 8 3 (8) REPORT DATE: 0 9 1 9 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During performance of the 18 month Motor Operated Valve Thermal Overload
0 3 Protection Device Functional Test, overload protection devices for 3
0 4 isolation valves failed. The failure was such that the thermal overload
0 5 protection was not bypassed during emergency operation of the valve.
0 6 This was less conservative than the bases for T.S.3.8.4.2. The event is
0 7 reported pursuant to T.S.6.9.1.12.i. The valves involved were P41F005A,
0 8 B21F147A and P52F195.

0 9 SYSTEM CODE: S D (11) CAUSE CODE: B (12) CAUSE SUBCODE: C (13) COMPONENT CODE: Z Z Z Z Z Z (14) COMP. SUBCODE: Z (15) VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR: 8 3 — SEQUENTIAL REPORT NO.: 1 2 5 / OCCURRENCE CODE: 0 1 REPORT TYPE: T — REVISION NO.: 0

ACTION TAKEN: X (18) FUTURE ACTION: X (19) EFFECT ON PLANT: Z (20) SHUTDOWN METHOD: Z (21) HOURS (22): 0 0 0 0 ATTACHMENT SUBMITTED: Y (23) NPRD-4 FORM SUB.: N (24) PRIME COMP. SUPPLIER: Z (25) COMPONENT MANUFACTURER: Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause was due to valve wiring not being terminated per design
1 1 documents. The deficiencies have been corrected and the surveillance
1 2 has been completed satisfactorily. This is submitted as a final report.
1 3
1 4

1 5 FACILITY STATUS: G (28) % POWER: 0 0 0 (29) OTHER STATUS (30): NA METHOD OF DISCOVERY: B (31) DISCOVERY DESCRIPTION (32): Surveillance Testing

1 6 ACTIVITY RELEASED: Z (33) CONTENT OF RELEASE: Z (34) AMOUNT OF ACTIVITY (35): NA LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES

1 7 NUMBER: 0 0 0 (37) TYPE: Z (38) DESCRIPTION (39): NA

PERSONNEL INJURIES

1 8 NUMBER: 0 0 0 (40) DESCRIPTION (41): NA

8309230471 830919
PDR ADOCK 05000416
S PDR

LOSS OF OR DAMAGE TO FACILITY (43)

1 9 TYPE: Z (42) DESCRIPTION: NA

IE22

PUBLICITY

2 0 ISSUED: N (44) DESCRIPTION (45): NA

NRC USE ONLY

NAME OF PREPARER Ron Byrd PHONE:

Supplementary Information to
LER 83-125/01 T-0

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

Technical Specification Involved: 3.8.4.2
Reported Under Technical Specification: 6.9.1.12.i

Event Narrative

Overload protection bypass devices for motor operated valves Q1P41-F005A, Q1B21-F147A and P52-F195 failed the functional test performed on August 18 and August 19, 1983. The valves were not required to be operable in the present plant mode, Cold Shutdown. After an inspection, Engineering determined on September 3, that the thermal overload protection valves are not bypassed in the emergency mode as required by Technical Specification 3.8.4.2. This was reported on September 3 as a 24 hour reportable occurrence in accordance with Technical Specification 6.9.1.12.i.

The following are causes of the failures and corrective actions taken:

1. Valve P41-F005A

   Cause: Two wires were connected to incorrect terminals.

   Action: The wires were reconnected per design documents and the surveillance was performed satisfactorily.

2. Valve B21-F147A

   Cause: Wiring was incorrectly installed due to connection lists which were not in accordance with upper tier documents. Relay B21 95-15 was not installed.

   Action: The wiring was reconnected correctly, the relay was installed, and the surveillance was completed satisfactorily. The connection lists will be revised.

3. Valve P52-F195

   Cause: Wiring was incorrectly installed due to connection lists which were not in accordance with upper tier documents.

   Action: The wires were reconnected correctly and the surveillance was performed satisfactorily. The connection lists will be revised.

MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

NUCLEAR PRODUCTION DEPARTMENT

83 SEP 21 A9:08

September 19, 1983

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
MOV Thermal Overload Protection
Devices Fail
LER 83-125/01 T-0
AECM-83/0597

On September 3, 1983, during performance of the eighteen month Motor Operated Valve Thermal Overload Protection Device Functional Test, overload protection devices for three isolation valves failed. The failure was such that the thermal overload protection was not bypassed during emergency operation of the valve. This was less conservative than the bases for Technical Specification 3.8.4.2. The event is reported pursuant to Technical Specification 6.9.1.12.i. Attached is LER 83-125/01 T-0 with Supplementary Information.

Yours truly,

S H Hobbs
for L. F. Dale
Manager of Nuclear Services

EBS/SHH:rg
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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