

LICENSEE EVENT REPORT

CONTROL BLOCK: ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	3	M	S	G	G	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5			
7	8	9	LICENSEE CODE					14	15	LICENSE NUMBER										28	29	LICENSE TYPE					30	57 CAT 50				

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	4	1	6	7	1	1	0	5	8	3	8	0	3	0	8	8	4	9
60	61							66	69					74		75							96
CLOCK NUMBER										EVENT DATE						REPORT DATE							

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 11/4/83 during a 7 day maintenance run, the Div. II Diesel Generator
0 3 was shutdown upon discovery of a fuel oil return line leak. Upon
0 4 restart, after repair of the fuel leak, the D/G tripped due to isolation
0 5 of fuel supply valve F016B. Per R.G.1.10B, these were not valid failures
0 6 because the diesel ran for longer than 1 hour at greater than 50% load
0 7 and due to operator error. The requirements of T.S.3.8.1.1 were met.
0 8 This is reported pursuant to T.S.4.8.1.1.3. This is a final report.

SYSTEM CODE E E (11)		CAUSE CODE E (12)		CAUSE SUBCODE B (13)		COMPONENT CODE E N G I N E (14)				COMP. SUBCODE Z (15)		VALVE SUBCODE Z (16)	
EVENT YEAR 8 3 (17)		SEQUENTIAL REPORT NO. 1 7 9 (18)		OCCURRENCE CODE 0 3 (19)		REPORT TYPE X (20)		REVISION NO. 1 (21)		ACTION TAKEN A (22)		FUTURE ACTION X (23)	
EFFECT ON PLANT Z (24)		SHUTDOWN METHOD Z (25)		HOURS 0 0 0 (26)		ATTACHMENT SUBMITTED Y (27)		NPRD-4 FORM SUB. N (28)		PRIME COMP. SUPPLIER A (29)		COMPONENT MANUFACTURER D O S (30)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The fuel line leak was a result of accidental damage to the tubing by personnel. The fuel line was replaced. The cause of the failure to restore the isolated valve was personnel error & procedural inadequacy. An Ops. section directive is being revised to ensure that deviations in valve positions due to emergency situations are documented & controlled.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) 1 5 8

% POWER 0 0 2 (29) NA OTHER STATUS (30)

METHOD OF DISCOVERY (31) B Maintenance Run DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 33 34 NA

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

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

PERSONNEL INJURIES

NUMBER		DESCRIPTION
1	4	(40) RH

8403200064 840308

7		8		9		10	
TYPE		DESCRIPTION		PDR ADDOCK 05000416		S PDR	
1	9	2	42				

PUBLICITY

ISSUED (44) DESCRIPTION (45)

2 0

1G

IE22

NRC USE ONLY

NAME OF PREPARER R. W. Byrd

PHONE: _____

NRC USE ONLY

IE22-

8403200064 840308
PDR ADCK 05000416
S PDR

Supplementary Information to
LER 83-179/03 X-1

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

Technical Specification Involved: 3.8.1.1
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative

On November 4, 1983, at approximately 2345 hours, while operating the Division 2 Diesel Generator for a seven day test run, the engine was shutdown upon discovery of a fuel leak on the fuel oil return line. The fuel line was replaced and the diesel generator was restored to service at approximately 0220 hours on November 5, 1983.

At 0245 hours, the diesel generator failed while attempting to restart the engine following the above repair work. A Limiting Condition for Operation (LCO) was entered again under Technical Specification 3.8.1.1. The immediate investigation found that the fuel oil supply valve from the fuel tank which was isolated upon discovery of the leak had not been realigned properly. The immediate actions taken were to perform the proper system lineup per the System Operating Instructions and to counsel operators involved.

The cause of the fuel line leak is attributed to damage to the tubing by personnel working in the area.

An Operations section directive is being revised to ensure that deviations in valve positions due to emergency situations are documented and controlled. The directive will require affected valves to be logged by both number and description and clearance tags placed on the valves as soon as possible. The revised directive is expected to be implemented by March 20, 1984.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

84 MAR 16 610:52
March 8, 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 - Division II Diesel
Generator Shutdown Due to Fuel
Line Leak
LER 83-179/03 X-1
AECM-84/0138

This letter submits an update to a previous report submitted on December 6, 1983. The event for which the report was submitted occurred on November 4, 1983, during a seven day maintenance run, when the Division II Diesel Generator was shutdown upon discovery of a fuel oil return line leak. Upon restart, after repair of the fuel leak, the diesel generator tripped due to isolation of fuel supply valve F016B. The requirements of Technical Specification 3.8.1.1 were met. This was reported pursuant to Technical Specification 4.8.1.1.3. Per Regulatory Position C.2.e(2) and (3) of Regulatory Guide 1.108 these were not valid failures.

Corrective action associated with the failure to restore the fuel supply valve (F016B) after repair of the damaged fuel oil return line is expected to be complete by March 20, 1984. This is a final report. Attached is LER 83-179/03 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

AECM-84/0138

Page 2

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)

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