

LICENSEE EVENT REPORT

Attachment to AECM-83/0775

Page 1 of 2

CONTROL BLOCK: ①

PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	S	G	G	S	1	2	0	0	-	1	0	0	0	0	0	0	0	3	4	1	1	1	1	4	5		
7	8	9	LICENSEE CODE				14	15	LICENSEE NUMBER										25	26	LICENSE TYPE				30	57	CAT 56		58

0	1	6	0	5	0	0	0	4	1	6	7	1	1	0	5	8	3	8	1	2	0	6	8	3	9
7	8	REPORT SOURCE				60	61	DOCKET NUMBER				65	66	EVENT DATE				74	75	REPORT DATE				80	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

② On 11/5/83 during a 7 day maintenance run, the Div. II Diesel Generator
③ was shutdown upon discovery of a fuel oil return line leak. Upon
④ restart, after repair of the fuel leak, the D/G tripped due to isolation
⑤ of fuel supply valve F016B. Per R.G.1.108, these were not valid failures
⑥ because the diesel ran for longer than 1 hour at greater than 50% load
⑦ and due to operator error. The requirements of T.S.3.8.1.1 were met.
⑧ This is reported pursuant to T.S.4.8.1.1.3. This is an interim report.

0	9	E	E	11	E	12	B	13	E	N	G	I	N	E	14	Z	15	Z	16						
7	8	SYSTEM CODE		9	CAUSE CODE		11	CAUSE SUBCODE		12	COMPONENT CODE				13	COMP. SUBCODE		19	VALVE SUBCODE		20				
LER NO. REPORT NUMBER		EVENT YEAR		21	SEQUENTIA		REPORT NO.		24	OCCURREN		CODE		27	REPORT		TYPE		30	REVISION		NO.		32	
A		18	X	19	Z	20	Z	21	0	0	0	0	Y	23	N	24	A	25	D	0	5	5	26		
ACTION TAKEN		FUTURE ACTION		33	EFFECT ON PLANT		35	SHUTDOWN METHOD		36	HOURS		22	ATTACHMENT SUBMITTED		41	NPRD-4 FORM SUB.		42	PRIME COMP. SUPPLIER		43	COMPONENT MANUFACTURER		44

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

⑩ The cause of the fuel line leak was due to physical damage to the tubing
⑪ by personnel. The broken fuel line was replaced with new tubing and
⑫ fittings. The cause of the isolation of valve F016B was due to personnel
⑬ error. Plant Staff is still evaluating this event to determine the
⑭ necessary controls to prevent recurrence.

1	5	B	28	0	0	2	29	NA	30	B	31	Maintenance Run	32			
7	8	FACILITY STATUS		9	% POWER		10	OTHER STATUS		13	METHOD OF DISCOVERY		44	DISCOVERY DESCRIPTION		45
1	6	Z	33	Z	34	NA	35	NA	36							
7	8	ACTIVITY CONTENT		9	RELEASED OF RELEASE		10	AMOUNT OF ACTIVITY		11	LOCATION OF RELEASE		12			
1	7	0	0	0	37	Z	38	NA	39							
7	8	PERSONNEL EXPOSURES		9	NUMBER		10	TYPE		11	DESCRIPTION		12			
1	4	0	0	0	40	NA	41									
7	8	PERSONNEL INJURIES		9	NUMBER		10	DESCRIPTION		11						
1	9	Z	42	NA	43											
7	8	LOSS OF OR DAMAGE TO FACILITY		9	TYPE		10	DESCRIPTION		11						
2	0	N	44	NA	45											
7	8	PUBICITY		9	ISSUED		10	DESCRIPTION		11						

8312160291 831206
PDR ADOCK 05000416
S PDR

NRC USE ONLY

NAME OF PREPARER W. B. Abraham/R. W. Byrd

PHONE:

SUPPLEMENTARY INFORMATION TO
LER 83-179/03 L-0

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 5, 1983, 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 at the 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 done to the tubing by personnel working in the area. The incident is still being evaluated to determine necessary controls to prevent recurrences. An update is expected to be submitted by December 30, 1983.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

83 DEC 13 1983

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
Division II Diesel Generator
Shutdown Due to Fuel Line
Leak
LER 83-179/03 L-0
AECM-83/0775

On November 5, 1983, during a seven day maintenance run, 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 is 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. Attached is interim LER 83-179/03 L-0 with Supplementary Information.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: (See Next Page)

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Id 22

MISSISSIPPI POWER & LIGHT COMPANY

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

Document Control Desk (w/a)

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