



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 18, 1983 OCT 21 AIO: 29

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
"B" Shutdown Cooling Loop Pump
Found Tripped Due to Isolated
Suction Valve
LER 83-146/03 L-0
AECM-83/0655

On September 18, 1983, while in Cold Shutdown, the "B" Shutdown Cooling Loop pump was found tripped due to an isolated suction valve. Both Shutdown Cooling Loops are required to be operable in Cold Shutdown with one loop in operation per Technical Specification 3.4.9.2. This is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-146/03 L-0 which is an interim report.

Yours truly,

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

Document Control Desk (w/a)
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Attachment to AECM-83/0655
Page 1 of 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

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7 8

REPORT SOURCE

L	6	0	5	0	0	0	4	1	6	7	0	9	1	8	8	3	8	1	0	1	8	8	3	9
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60 61 DOCKET NUMBER 66 68 EVENT DATE 74 75 REPORT DATE 80

02 On September 18, 1983, while in Cold Shutdown, the B Shutdown Cooling

03 loop pump was found tripped due to an isolated suction valve. No alarms

04 indicated the inoperable condition. Both SDC loops are required to be

05 inoperable in Cold Shutdown with one loop in operation per T.S.3.4.9.2.

06 SDC loop B was restored to operation within 5 minutes of discovery.

07 This interim report is submitted pursuant to T.S.6.9.1.13.b.

08

7 8 9

09		SYSTEM CODE CF		11	CAUSE CODE X		12	CAUSE SUBCODE Z		13	COMPONENT CODE ZZZZZZ				14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16
7	8	9	10		11	12		13							14	15			16		
17		LS/RD REPORT NUMBER 83		22	EVENT YEAR 83		23	SEQUENTIAL REPORT NO. 146		26	OCCURRENCE CODE 03		28	REPORT TYPE L		30	REVISION NO. 0		32		
33		ACTION TAKEN X		34	FUTURE ACTION X		39	EFFECT ON PLANT Z		40	SHUTDOWN METHOD Z		41	HOURS 0000		44	ATTACHMENT SUBMITTED N		47	NPRD-4 FORM SUB. N	
33		34		39		40		41		42		43		44		45		46		47	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)																					

1 0 An investigation revealed that the C Channel isolation logic test switch

1 1 had been placed in the "TEST" position for a surveillance while the B

1 2 channel isolation logic test switch was also in TEST. The alarms were

1 3 not received apparently due to an open circuit breaker. Investigation is

1 4 continuing. An update should be expected by November 30, 1983.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
1	5	6	0	0	0	NA	A	Incidental Observation						
ACTIVITY			CONTENT			AMOUNT OF ACTIVITY			LOCATION OF RELEASE					
1	6	2	2	3	NA	NA								
PERSONNEL EXPOSURES			PERSONNEL INJURIES			LOSS OF OR DAMAGE TO FACILITY			PUBLICITY					
NUMBER			TYPE			DESCRIPTION			NUMBER			DESCRIPTION		
1	7	0	0	0	0	2	NA	1	8	0	0	0	0	NA
LOSS OF OR DAMAGE TO FACILITY			PUBLICITY			ISSUED			NRC USE ONLY					
TYPE			DESCRIPTION			DESCRIPTION								
1	9	2	NA	2	0	N	NA							

PHONE: _____