

**LICENSEE EVENT REPORT**

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	3	4	1	1	1	1	4			5	
7	8	9	LICENSEE CODE					13	16	LICENSE NUMBER										26	28	LICENSE TYPE				30	37	CAT		50

CON'T

0 1  
7 8

REPORT SOURCE L 6 0 5 0 0 0 4 1 6 7 1 2 1 4 8 3 8 0 3 2 1 8 4 9  
60 61 DOCKET NUMBER 66 68 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On December 14, 1983, while restoring Division 2 power following a  
0 3 planned maintenance outage, a Division 2 isolation occurred causing a  
0 4 loss of Shutdown Cooling when pump suction valve F009 isolated. Other  
0 5 actuations included Reactor Water Cleanup isolation and Standby Gas  
0 6 Treatment B initiation. An LCO was entered pursuant to T.S.3.4.9.2.  
0 7 The event was reported pursuant to 10CFR 50.72 and is also being  
0 8 reported pursuant to T.S.6.9.1.13.b.

SYSTEM CODE C F		CAUSE CODE X		CAUSE SUBCODE Z		COMPONENT CODE Z Z Z Z Z Z						COMP SUBCODE Z		VALVE SUBCODE Z	
9 10		11 12		13 14		15 16 17 18 19 20						21 22		23 24	
EVENT YEAR 8 3		SHUTDOWN METHOD —		SEQUENTIAL REPORT NO. 1 9 0		OCCURRENCE CODE /		REPORT TYPE X		REVISION NO. 1					
21 22		23 24		25 26		27 28		29 30		31 32					
ACTION TAKEN X		FUTURE ACTION Z		EFFECT ON PLANT Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER Z			
33 34		35 36		37 38		39 40		41 42		43 44		45 46 47 48			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The Shutdown Cooling isolation was due to an error in the temporary  
1 1 procedure being used for the outage restoration. It will not be used  
1 2 again. The RWCU isolation and SGTS initiation resulted from a spurious  
1 3 actuation signal in the logic when power was restored. This is a final  
1 4 report.

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) 9 0 0 0 (29) NA (30) OTHER STATUS

METHOD OF DISCOVERY (31) A Alarm Actuation DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT (33) 1 6 Z (34) NA (35) AMOUNT OF ACTIVITY

RELEASED OF RELEASE (36) NA LOCATION OF RELEASE

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	37	2	38	NA	39

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	4	0	0	0	NA

IE22

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY (43)																							
TYPE				DESCRIPTION																			
1		9		2		42		NA															
7		8		9		10																	

840330011B 840321  
PDR ADOCK 05000416  
S PDR

PUBLICITY  
ISSUED N 44 DESCRIPTION NA  
NRC USE ONLY

NAME OF PREPARER Jerry Parker

**PHONE**

NRC USE ONLY

0-876-93000-0



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

34 MAR 26 AID: 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 - Division 2  
Isolation Causes Loss of  
Shutdown Cooling  
LER 83-190/03 X-1  
AECM-84/0167

This letter submits an update to a previous report submitted on January 13, 1984. The event for which the report was submitted occurred on December 14, 1983, while restoring Division 2 power following a planned maintenance outage, when a Division 2 isolation occurred causing a loss of Shutdown Cooling when pump suction valve F009 isolated. Other actuations included Reactor Water Cleanup isolation and Standby Gas Treatment B initiation. A Limiting Condition for Operation was entered pursuant to Technical Specification 3.4.9.2. The event was reported pursuant to Technical Specification 6.9.1.13.b.

Our investigation into the cause of the event and corrective action to prevent recurrence is complete. Attached is LER 83-190/03 X-1 which is a final report.

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-84/0167

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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  
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Washington, D. C. 20555

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