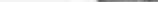


CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59

9 LICENSE CODE 14 15 LICENSE NUMBER 26 27 LICENSE TYPE 30 31 CAT 58 59

CON'T

REPORT SOURCE: 01 DOCKET NUMBER: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
01 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On December 1, 1983 at 1420 hours while in Cold Shutdown, breaker 552-
0 3 2105 from service transformer 21 tripped causing a loss of power to the
0 4 Division 1 ESF bus and all BOP loads. This resulted in a reactor scram
0 5 signal, a loss of RPS buses, loss of shutdown cooling, RWCU isolation,
0 6 Containment/Aux. Bldg. isolations, CRD "A" pump trip, SGTS initiation,
0 7 Control Room SFAU initiation, and an auto start of D/G 11. The diesel
0 8 generator was paralleled to transformer 11 to restore normal power.

0 9		SYSTEM CODE E 8		CAUSE CODE B		CAUSE SUBCODE C		COMPONENT CODE E L E C O N				COMP. SUBCODE Z		VALVE SUBCODE Z	
8		9 10		11		12 13		14 15 16 17 18				19 20		21	
17		EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 1 8 5		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0		ACTION TAKEN A		FUTURE ACTION F	
21 22		23		24 25 26		27		28 29		30		31		32	
EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER X 9 9		26	
33 34		35		36 37 38 39 40		41		42		43		44		47	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS															

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Two wires shorted in the breaker handswitch causing the trip. The wires
1 1 were pinched between a plate and a cover box mounted inside panel 1H13-
1 2 P807. The wires and box have been temporarily altered to prevent pinch-
1 3 ing. Final resolution to remove the plate is pending the processing of
1 4 design change authorizations. Estimated completion date is Feb.10, 1984.

FACILITY STATUS (1) 5 (2) 6 (3) 26
 % POWER (4) 0 (5) 0 (6) 0 (7) 20 (8) NA
 OTHER STATUS (9) 30
 METHOD OF DISCOVERY (10) A (11) 31 Alarmed Condition
 DISCOVERY DESCRIPTION (12) 32
 ACTIVITY CONTENT RELEASED OF RELEASE (13) 1 (14) 2 (15) 33 (16) 2 (17) 34 NA
 AMOUNT OF ACTIVITY (18) 35
 LOCATION OF RELEASE (19) NA
 (20) 36

PERSONNEL EXPOSURES					
NUMBER			TYPE	DESCRIPTION	
1	7	000	(37) Z	(38)	NA

100-10000015 831220

PERSONNEL INJURIES
NUMBER DESCRIPTION

	1	2	3	4	5	6	7	8	9	10	11	12
	1	H	0	0	0	(40)	NA					

B401030219
PDR ADDCK 05000416
S PDR

19		LOSS OF OR DAMAGE TO FACILITY		(43)
		TYPE	DESCRIPTION	
1	9	2	(42) NA	

7	8	9	10											11		
PUBLICITY																
ISSUED				DESCRIPTION (45)												
2	0	N	(44)	NA	TE22										NRC USE ONLY	
7	8	9	10											11		

NAME OF PREPARER Ron Byrd

PHONE

NRC USE ONLY

223 I

0000-9226

DOCUMENT SCREENING RECORD SHEET

Document Screened: LER 83-185/03 L-O, AGCM-83/0804

Condition being reviewed: Loss of Power to Division 1
ESF Bus and BOP Leads

Conclusion:

☒ Not significant

☐ Significant:

☐ Potential Deficiency (10CFR50.55(e))

☐ Potential Deviation (10CFR21)

Remarks: Loss of power was caused by breaker 552-2105
from service transformer 21 tripping. Two wires
shorted in the breaker handswitch causing the trip.
The wires were pinched between a plate and a cover
box mounted inside panel 1413-P807. The wires and box
have been temporarily altered to prevent pinching. Find
resolution to remove the plate is pending processing
of design change authorization. Estimated completion date is 2-10-84

Screened by: E. Boyd Lytle

Date: 12-17-83

Reviewed by: S. H. Holtz

Date: 12-20-83



10CFR21/10CFR50.55(e) REPORTING
ATTACHMENT I to Procedure 1.7

REV. 0

DATE

5/11/82

PAGE 1 of 1



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

December 20, 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
Loss of Power to Division 1 ESF Bus
and BOP Loads
LER 83-185/03 L-0
AECM-83/0804

On December 1, 1983, while in Cold Shutdown, breaker 552-2105 from service transformer 21 tripped causing a loss of power to the Division 1 ESF bus and all BOP loads. This resulted in a reactor scram signal, a loss of RPS buses, loss of shutdown cooling, RWCU isolation, Containment/Auxiliary Building isolations, CRD "A" pump trip, SGTS initiation, Control Room SFAU initiation, and an automatic start of Diesel Generator 11. Action (a) of Technical Specification 3.4.9.2 was met. This is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-185/03 L-0 which is a final report.

Yours truly,

L. F. Dale
for 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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