

CONTROL BLOCK:

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 (1) (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 14 15 20 25 30 35 40 45 50 55 60
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

CON'T

0 1 7 8

REPORT SOURCE

L 6 0 5 0 0 0 4 1 6 7 0 9 1 9 8 3 8 1 0 1 9 8 3 9

80 81 DOCKET NUMBER 85 86 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 9/19/83, the Division 1 Diesel Generator was manually started for
03 testing and tripped on high vibration approximately 12 minutes after
04 loading. The failure is considered non-valid pursuant to Regulatory
05 Position C.2.e.(2) of Regulatory Guide 1.108 as the vibration trip is
06 bypassed in the emergency operating mode. This is reported pursuant to
07 T.S.6.9.1.13.b. The event had no effect on the health and safety of the
08 public and did not constitute a threat to plant safety.

SYSTEM CODE 0 9		CAUSE CODE E 11		CAUSE SUBCODE E 12		COMPONENT CODE I N S T R U 14				COMP. SUBCODE S 15		VALVE SUBCODE Z 16					
EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 1 4 8		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0									
ACTION TAKEN C 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0		ATTACHMENT SUBMITTED N 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER X 9 9 9	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause was due to a malfunctioning Calcon vibration switch. The
11 switch had been procured from the Unit 2 stock and installed on the
12 right bank turbocharger following the Division 1 D/G fire incident, (LER
13 83-126/01 T-0). The failed Unit 2 switch was replaced on 9/20/83. This
14 is submitted as a final report.

7	8	9	FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION											
1	5	6	28	0	0	0	29	NA	30	B	31	Alarm Condition												32						
7	8	9	ACTIVITY CONTENT				AMOUNT OF ACTIVITY				LOCATION OF RELEASE																			
1	6	2	33	2	34	NA	35	NA	36																					
7	8	9	PERSONNEL EXPOSURES				DESCRIPTION																							
1	7	0	0	0	37	Z	38	NA	39																					
7	8	9	PERSONNEL INJURIES				DESCRIPTION																							
1	8	0	0	0	40	NA	41																							
7	8	9	LOSS OF OR DAMAGE TO FACILITY				DESCRIPTION																							
1	9	Z	42	NA	43																									
7	8	9	PUBLICITY				DESCRIPTION																							
2	0	N	44	NA	45																									
8311010107 831019 PDR ADOCK 05000416 S PDR																NRC USE ONLY														

NAME OF PREPARER Ron Byrd

PHONE

NRC USE ONLY

PO 91 3-520



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 19, 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
Failed Vibration Switch Caused
Division 1 Diesel Generator Trip
During Testing
LER 83-148/03 L-0
AECM-83/0658

On September 19, 1983, while testing the Division 1 Diesel Generator, the diesel generator tripped on high vibration approximately 12 minutes after loading. The cause of the trip was determined to be a malfunctioning vibration switch. This event is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-148/03 L-0, which is a final report.

Yours truly,

L. F. Dale
for 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

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