NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

Attachment to AECM-83/0624
Page 1 of 1

LICENSEE EVENT REPORT

CONTROL BLOCK: [| | | | | |] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Licensee Code	License Number	License Type	Cat
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)

Line	Report Source	Docket Number	Event Date	Report Date
CON'T 0 1	L (6)	0 5 0 0 0 4 1 6 (7)	0 8 3 1 8 3 (8)	0 9 3 0 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 8-30-83, during a 24 hour surv. test run, the Div. I D/G was shutdown
0 3 when it did not automatically trip upon receipt of an unexpected
0 4 "High Bearing Temperature" alarm (The trip is bypassed if a LOCA/LOSP
0 5 signal is received). The diesel had been loaded to greater than 50% for
0 6 90 minutes. Per Reg. Guide 1.108, para. C.2.e.(3), this was a valid
0 7 successful test. There was no effect on the health and safety of the
0 8 public nor was there a threat to plant safety. This is a final report.

Line	System Code	Cause Code	Cause Subcode	Component Code	Comp. Subcode	Valve Subcode
0 9	E E (11)	E (12)	B (13)	E N G I N E (14)	Z (15)	Z (16)

(17) LER/RO Report Number	Event Year		Sequential Report No.		Occurrence Code	Report Type		Revision No.
	8 3	—	1 3 8	/	0 3	L	—	0

Action Taken	Future Action	Effect on Plant	Shutdown Method	Hours (22)	Attachment Submitted	NPRD-4 Form Sub.	Prime Comp. Supplier	Component Manufacturer
A (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	A (25)	D 0 5 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause was due to a leaky pneumatic temperature sensor manufactured
1 1 by Calif. Controls, Type 3434. The sensor allowed the air to bleed down
1 2 just enough to trip the pneumatic alarm switch but not the pneumatic D/G
1 3 trip mechanism. This would not effect the operation during a LOCA/LOSP.
1 4 The device was replaced. This is reported pursuant to T.S.4.8.1.1.3.

Line	Facility Status	% Power	Other Status (30)	Method of Discovery	Discovery Description (32)
1 5	6 (28)	0 0 0 (29)	NA	A (31)	Operator Observation

Line	Activity Released	Content of Release	Amount of Activity (35)	Location of Release (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

Line	Number	Type	Description (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

Line	Number	Description (41)
1 8	0 0 0 (40)	NA

8310190257 830930
PDR ADOCK 05000416
S PDR

LOSS OF OR DAMAGE TO FACILITY (43)

Line	Type	Description
1 9	Z (42)	NA

IE22

PUBLICITY

Line	Issued	Description (45)	NRC USE ONLY
2 0	N (44)	NA	

NAME OF PREPARER D. E. Cathey PHONE: ________

GPO 917-926

MISSISSIPPI POWER & LIGHT COMPANY
Helping Build Mississippi
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205
NUCLEAR PRODUCTION DEPARTMENT

83 OCT 3 A9:28

September 30, 1983

83 SEP 2 A9:23

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 I Diesel Generator Shutdown When it Did Not Automatically Trip Upon Receipt of an Unexpected "High Bearing Temperature" Alarm
LER 83-138/03 L-0
AECM-83/0624

On August 30, 1983, during a 24 hour surveillance test run, the Division I Diesel Generator was shutdown when it did not automatically trip upon receipt of an unexpected "High Bearing Temperature" alarm (the trip is bypassed if a LOCA/LOSP signal is received). The diesel had been loaded to greater than 50% for 90 minutes. This was a valid successful test pursuant to Regulatory Position C.2.e(3) of Regulatory Guide 1.108. The event is reported pursuant to Technical Specification 4.8.1.1.3. Attached is LER 83-138/03 L-0 which is a final report.

Yours truly,

S H Hobbs

for L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: (See Next Page)

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1/1

cc: Mr. J. B. Richard (w/a)
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Mr. T. B. Conner (w/o)
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