

LICENSEE EVENT REPORT

Attachment to AECM-83/0701

Page 1 of 1

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	3	4	1	1	1	1	4			5		
8	9	LICENSEE CODE				14	LICENSE NUMBER										25	LICENSE TYPE						30	57 CAT 56			

CON'T

01 8
REPORT SOURCE L 6 0 5 0 0 0 4 1 6 7 0 7 2 8 8 3 8 1 0 3 1 8 3 9
80 61 DOCKET NUMBER 65 62 EVENT DATE 64 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 7/27/83, the CR HVAC loop A was shutdown to repair the Freon shutoff
03 valve. The valve unloads the compressor by stopping the Freon flow.
04 Tests and inspections revealed 3 compressor inlet strainers damaged
05 (blown thru) and 2 compressor pistons damaged. The event had no affect
06 on the health and safety of the public and did not constitute a threat
07 to plant safety. This is reported pursuant to T.S.6.9.1.13.b. This is a
08 final report. T.S.3.7.2.b.1 was in effect until August 28, 1983.

09		SYSTEM CODE S G 11		CAUSE CODE E 12		CAUSE SUBCODE B 13		COMPONENT CODE V A L V E X 14				COMP. SUBCODE F 15		VALVE SUBCODE D 16			
17 LER/RO REPORT NUMBER		EVENT YEAR B 3 21 22		SEQUENTIAL REPORT NO. 1 1 0 24 25 26		OCCURRENCE CODE / 27		REPORT TYPE X 28 29		REVISION NO. 1 32							
ACTION TAKEN D 18 33		FUTURE ACTION Z 19 34		EFFECT ON PLANT Z 20 35		SHUTDOWN METHOD Z 21 36		HOURS 0 0 0 0 22 37 38 39		ATTACHMENT SUBMITTED N 23 40 41		NPRD-4 FORM SUB. N 24 42		PRIME COMP. SUPPLIER A 25 43		COMPONENT MANUFACTURER T 2 6 5 26 44 45 46 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The valve failure was due to normal wear and the valve was replaced. The
11 cause and time of the strainer failures, which damaged the pistons, can
12 not be determined. The damage was not severe enough to cause an immed-
13 iate failure. It was found while looking for the cause of a below normal
14 suction pressure. The compressor was rebuilt and declared operable 8/28.

FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
1	5	8	28	0	0	0	29	NA				A	31	Operator Observation					
ACTIVITY CONTENT				RELEASED OF RELEASE				AMOUNT OF ACTIVITY				LOCATION OF RELEASE							
1	6	2	33	2	34	NA						NA							
PERSONNEL EXPOSURES				NUMBER				TYPE				DESCRIPTION							
1	7	0	0	0	37	2	38	NA											
PERSONNEL INJURIES				NUMBER				DESCRIPTION											
1	8	0	0	0	40	NA													
LOSS OF OR DAMAGE TO FACILITY				TYPE				DESCRIPTION											
1	9	2	42	NA															
PUBLICITY				ISSUED				DESCRIPTION											
2	0	N	44	NA															

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PDR ADOCK 05000413
S PDR

NRC USE ONLY

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D. E. Cathey

070-7-920



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 31, 1983

83 NOV 2 AIO: 41

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 - Control Room
HVAC Loop A Compressor
Inlet Strainers and Pistons
Found Damaged
LER 83-110/03 X-1
AECM-83/0701

This letter submits an update to a previous report submitted on August 26, 1983. The event for which that report was submitted occurred on July 27, 1983, when the Control Room HVAC Loop A was shutdown to repair the Freon shutoff valve. During subsequent tests and inspections, three of four compressor inlet strainers and two of five compressor pistons were discovered damaged (compressor inlet strainers were blown thru). This was reported pursuant to Technical Specification 6.9.1.13.b.

Corrective actions have been completed. Attached is LER 83-110/03 X-1, which is a final report.

Yours truly,

L. F. Dale

for L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: (See Next Page)

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MISSISSIPPI POWER & LIGHT COMPANY

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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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