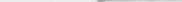


LICENSEE EVENT REPORT

Attachment to AECM-83/0496

Page 1 of 1

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 7 8 9 M S G G S I 14 2 15 0 0 - 0 0 0 0 0 - 0 0 26 3 28 4 1 1 1 1 30 4 57 CAT 58 5

CON'T

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	L	6	0	5	0	0	0	4	1	6	7	0	7	2	8	8	3	8	0	8	2	6	6	3	9															
		60	61								66	69							74	75					80																

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 7/27/83, the CR HVAC loop A was shutdown to repair the Freon shutoff
0 3 valve. The valve unloads the compressor by stopping the Freon flow.
0 4 Tests and inspections revealed 3 compressor inlet strainers damaged
0 5 (blown thru) and 2 compressor pistons damaged. The event had no affect
0 6 on the health and safety of the public and did not constitute a threat
0 7 to plant safety. This is reported pursuant to T.S.6.9.i.13.b and is an
0 8 interim report. An update is expected to be submitted by 10/31/83.

09		SYSTEM CODE S 9		CAUSE CODE E 12		CAUSE SUBCODE B 13		COMPONENT CODE VALVEX 14				COMP. SUBCODE F 15		VALVE SUBCODE D 16			
17		EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 1 1 0		OCCURRENCE CODE 9 3		REPORT TYPE L		REVISION NO. 0							
ACTION TAKEN D 18		FUTURE ACTION D 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED N 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER 1 2 6 5 26	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The valve was not available. The system will be manually controlled
1 1 until replacement is found. The cause and time of the strainer failure
1 2 which damaged the pistons cannot be determined. The damage was not severe
1 3 enough to cause sudden failure. It was found while looking for the cause
1 4 of below normal suction pressure. The compressor is being rebuilt.

7 8 9

FACILITY STATUS

1 5 8 (28)

% POWER

0 0 0 (29)

OTHER STATUS (30)

NA

METHOD OF DISCOVERY

A (31)

DISCOVERY DESCRIPTION (32)

Operator Observation

80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 1 33 1 34 NA

LOCATION OF RELEASE (36)

NA

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	NA

8 9		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 60		61 62		63 64		65 66		67 68		69 70		71 72		73 74		75 76		77 78		79 80		81 82		83 84		85 86		87 88		89 90		91 92		93 94		95 96		97 98		99 100																																																																																																													
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		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
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		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
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		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
1		2		3		4		5		6		7		8		9		10		11		12		13																																																																																																																																																																															

7 8 9 10 PUBLICITY ISSUED - DESCRIPTION (45) PDR ADOCK 05000416 S PDR NRC USE ONLY 80

7 8 9 10 68 69 80

NAME OF PREPARER

D. E. Cathey

PHONE

NRC USE ONLY

076-1 16 043



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 26, 1983

83 AUG 29 49:27

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
Control Room HVAC Loop A
Compressor Inlet Strainers
and Pistons Found Damaged
LER 83-110/03 L-0
AECM-83/0496

On July 27, 1983, 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 is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-110/03 L-0, which is an interim report.

Yours truly,

for

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
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

Document Control Desk (w/a)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

OFFICIAL COPY

1122
11