

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	S	E	G	S	1	(2)	0	0	-	0	0	0	0	0	-	0	0	(3)	4	1	1	1	1	(4)			(5)				
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	37	CAT	58			

CON'T

REPORT SOURCE: 01 60 61 50 00 41 67 10 23 83 80 32 18 49

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 7 On October 23, 1983, the nitrogen pressure in control rod scram
0 3 accumulators 40-53 and 24-29 fell below 1520 psig. An accumulator
0 4 trouble alarm was received on accumulator 24-29 but not on accumulator
0 5 40-53. The low pressure in 40-53 was found by the weekly surveillance.
0 6 The required alarm setpoint is 1520 +30, -0 psig on decreasing pressure.
0 7 An LCD was entered pursuant to T.S.3.1.3.3. The accumulators were re-
0 8 charged within 3 hours. This is reported pursuant to T.S.6.9.1.13.b.

2 9		SYSTEM CODE R B		11	CAUSE CODE X		12	CAUSE SUBCODE Z		13	COMPONENT CODE A C C U M U				14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16					
17		LER NO REPORT NUMBER		21	EVENT YEAR 8 3		22	SEQUENTIAL REPORT NO. 1 6 9		23	OCCURRENCE CODE 0 3		24	REPORT TYPE X		25	REVISION NO. 1		26							
ACTION TAKEN X		18	FUTURE ACTION Z		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 N		25	COMPONENT MANUFACTURER R 1 4 0		26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The low pressure is attributed to normal leakage. The pressure switch
11 and pressure gauge were tested for setpoint and function and were found
12 to operate correctly. This test was repeated in February and the set-
13 point had not drifted. The failure to alarm is not repeatable and is
14 considered an isolated event. This is a final report.

80

FACILITY STATUS (28) 1 5 8 7 8 9

% POWER (29) 0 0 0 10 12

OTHER STATUS (30) NA

METHOD OF DISCOVERY (31) B Weekly Surveillance

DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 33 34 NA

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES										80
NUMBER		TYPE		DESCRIPTION				39		
1	7	0	0	37	2	38	NA			
7	8	9	11	12	13					

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	3	0	0	40	41

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 7 8 9 10
42 NR
8403300037 840321
PDR ADCK 05000416
S

PUBLICITY PDR 80

ISSUED DESCRIPTION (45)

2 0 44

7 8 9 10

NRC USE ONLY

NAME OF PREPARER Ron Byrd

PHONE:



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

34 MAR 26 AIO: 19
March 21, 1984

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 - Low Nitrogen
Pressure in Control Rod Scram
Accumulators
LER 83-169/03 X-1
AECM-84/0170

This letter submits an update to a previous report submitted on November 22, 1983. The event for which the report was submitted occurred on October 23, 1983, when the nitrogen pressure in control rod scram accumulators 40-53 and 24-59 fell below 1520 psig. An accumulator trouble alarm was received on accumulator 24-29 but not on accumulator 40-53. The required alarm setpoint is 1520 + 30, -0 psig on decreasing pressure. A Limiting Condition for Operation was entered pursuant to Technical Specification 3.1.3.3. This was reported pursuant to Technical Specification 6.9.1.13.b.

Our investigation into the cause of the alarm failure for accumulator 40-53 is complete. Attached is LER 83-169/03 X-1 which is a final report.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:rg
Attachment

cc: See next page

OFFICIAL COPY
JEZ

MISSISSIPPI POWER & LIGHT COMPANY

AECM-84/0170

Page 2

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