

Attachment to AFCEM-83/0646

Page 1 of 2

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	4	1	6	7	0	7	0	8	3	8	1	0	1	2	8	3	9
60	61							62	63				74	75								80
DOCKET NUMBER										EVENT DATE					REPORT DATE							

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 7/9/83, it was discovered that an inappropriate maint. retest was
03 performed on 7/8/83 for both CR chlorine detectors and that both
04 detection systems were released for work at the same time on 7/7/83
05 without satisfying the LCO requirements of T.S.3.3.7.8.b. On 7/12/83, it
06 was determined that replacement parts were not purchased to the proper
07 quality level requirements. This event had no effect on the health and
08 safety of the public and did not constitute a threat to plant safety.

SYSTEM CODE [0] [9] 7 8		CAUSE CODE [S] [G] (11) 9 10		CAUSE SUBCODE [A] [1] (12) 11 12		COMPONENT CODE [I] [N] [S] [T] [R] [U] (14) 13 14 15 16 17 18				COMP. SUBCODE [E] [1] (15) 19 20		VALVE SUBCODE [Z] [1] (16) 21 22	
(17) LER/RO REPORT NUMBER [8] [4] 23 24		EVENT YEAR [8] [4] 25 26		SEQUENTIAL REPORT NO. [0] [9] [2] 27 28 29		OCCURRENCE COUNT [0] [3] 30 31		REPORT TYPE [X] [1] 32 33		REVISION NO. [1] 34			
ACTION TAKEN [X] [1] (18) [Z] [1] (19) 35 36 37 38		FUTURE ACTION [Z] [1] (20) 39 40		EFFECT ON PLANT [Z] [1] (21) 41 42		SHUTDOWN METHOD [Z] [1] (21) 43 44		HOURS [0] [0] [0] [0] (22) 45 46 47 48		ATTACHMENT SUBMITTED [Y] [1] (23) 49 50		NPRD-4 FORM SUB. [N] [1] (24) 51 52	
PRIME COMP. SUPPLIER [A] [1] (25) 53 54		COMPONENT MANUFACTURER [W] [0] [2] [5] (26) 55 56 57 58											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The causes were due to personnel error. Immediately after discovery of
11 the errors, the systems were declared inoperable. The conditions of
12 T.S.3.3.7.8.b were met until the correct retest was completed and the
13 correct parts were received and installed on August 20, 1983. This is
14 a final report.

8 9
FACILITY STATUS (1) 5 (6) 28 (0) 0 0 0 (29) NA (30) METHOD OF DISCOVERY (B) (31) Review of Maintenance Work (32) DISCOVERY DESCRIPTION
7 8 9 10 11 12 13 14 15 16 17 18 19 20
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
(1) 6 (2) 33 (3) 34 NA
7 8 9 10 11 12 13 14 15 16 17 18 19 20
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (38)
(1) 7 (0) 0 0 (37) 2 (39) NA
7 8 9 10 11 12 13 14 15 16 17 18 19 20
PERSONNEL INJURIES NUMBER DESCRIPTION (41)
(1) 8 (0) 0 0 (40) NA
7 8 9 10 11 12 13 14 15 16 17 18 19 20
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)
(1) 9 (2) 42 NA
7 8 9 10 11 12 13 14 15 16 17 18 19 20
PUBLICITY ISSUED DESCRIPTION (45)
(2) 0 (N) 44 NA
7 8 9 10 11 12 13 14 15 16 17 18 19 20
8310190098 831012
PDR ADOCK 05000416
S PDR
NRC USE ONLY
68 69 70

NAME OF PREPARER

D. E. Cathey

PHONE:

SUPPLEMENTARY INFORMATION TO
LER 83-092/03 X-1

Mississippi Power & Light Company
Grand Gulf Nuclear Station - Unit 1
Docket No. 50-416

Technical Specification Involved: 3.3.7.8.b
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

This is an update to a previous report submitted on August 8, 1983. The event for which the report was submitted is described in the following paragraphs.

On July 7, 1983, at 1730 hours with the plant in Cold Shutdown, the two Control Room chlorine detection systems were released to maintenance for work on the chlorine detectors. Because one maintenance work order was used to perform the work on both detectors, it was not recognized that it placed both systems in an inoperable condition (therefore, the actions required by Technical Specification 3.3.7.8.b were not met). The work on the systems was completed at 0130 hours, on July 8, 1983, with successful completion of the specified retest. The retest performed was a functional test.

Before the systems were released back to Operations it was discovered by maintenance, during a review of the maintenance work order (MWO) at 1156 hours on July 9, 1983, that a calibration type retest should have been performed instead of the functional retest that was specified on the work order. In addition, it was realized the Limiting Condition for Operation (LCO) of Technical Specification 3.3.7.8.b had not been met. Immediately after the discovery, the requirements of the LCO were met and maintained until the calibration retest was successfully completed at 1500 hours on the same day. The total time in which the conditions of the LCO were not met was 41.5 hours.

On July 12, 1983, at 1700 hours during a review of the purchase documents by design engineering, it was discovered that the spare parts installed by the above work order were not purchased to the proper quality level requirements. The systems were immediately declared inoperable and the action requirements of Technical Specification 3.3.7.8.b were satisfied. The Quality Level 3 parts were then conditionally released for use-as-is by Plant Quality until new parts purchased at Quality Level 2 were received. The systems were specified as operable at 1600 hours on July 15, 1983, but the actions of Technical Specification 3.3.7.8.b were left in effect until September 1, 1983.

The corrective action was to replace the conditionally released parts with correctly procured parts when they were received. The work was completed on August 20, 1983. As corrective action, a verbal discussion of the event was held with personnel involved. In addition, the training section has been notified.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

83 OCT 17 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
Update Report - Wrong
Maintenance Retest
Performed on Control Room
Chlorine Detectors
LER 83-092/03 X-1
AECM-83/0646

This letter submits an update to a previous report submitted on August 8, 1983. The event for which the report was submitted occurred on July 9, 1983, when it was discovered that an inappropriate maintenance retest was performed on both Control Room chlorine detectors and that both detection systems were released for work on July 7, 1983, without satisfying the Limiting Condition for Operation (LCO) requirements of Technical Specification 3.3.7.8.b. On July 12, 1983, it was discovered that replacement parts were not purchased to the proper quality level requirements. This was reported pursuant to Technical Specification 6.9.1.13.b.

All corrective action is complete. This is a final report. Attached is LER 83-092/03 X-1 with Supplementary Information.

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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