

LICENSEE EVENT REPORT

Attachment to AECM-83/0781

Page 1 of 2

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 M S G G S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 LICENSE CODE 14 15 LICENSE NUMBER 26 26 LICENSE TYPE 30 57 CAT 58

CON'T

01 REPORT SOURCE L 16 0 5 0 0 0 4 1 6 7 1 1 0 8 8 3 8 1 2 0 8 8 3 9
7 8 9 DOCKET NUMBER 60 61 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (19)

02 On November 8, 1983, at 0420 hours Diesel Generator 12 was shutdown
03 after 70 hours of continuous operation to replace the no. 1 left bank
04 air start valve. An LCO was entered under T.S.3.8.1.1 for 2.6 hours. The
05 D/G was restarted at 0600 hours and declared operable at 0700 hours. The
06 failure is considered nonvalid pursuant to Regulatory Position C.2.e(3)
07 of R.G. 1.108. At this time testing frequency is once per 14 days due to
08 12 previous failures. This event does not increase testing frequency.
7 8 9

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
E E 11 E 12 B 13 ENGINE 14 Z 15 Z 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20
17 LER NO. REPORT NUMBER 18 3 19 17 20 17 21 22 23 24 25 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
A 18 Z 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 D 0 5 5 26
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of the valve failure is attributed to foreign materials in the
11 starting air line. A similar incident was reported in LER 83-082 for D/G
12 11. A work authorization was initiated at that time to inspect and
13 perform maint. on the D/G 12 starting air system. This work had not been
14 performed but is scheduled to be performed during the present outage.
7 8 9

15 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
B 28 0 0 4 29 NA C 31 Non-Routine Testing
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
16 ACTIVITY RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
Z 33 Z 34 NA NA
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
17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
0 0 0 37 Z 38 NA
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
18 PERSONNEL INJURIES NUMBER DESCRIPTION
0 0 0 40 NA
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
19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z 42 NA
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
20 PUBLICITY ISSUED DESCRIPTION
N 44 NA
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

8312200164 831208
PDR ADOCK 05000416
S PDR

IE22

NAME OF PREPARER Ron Byrd

PHONE:

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SUPPLEMENTARY INFORMATION TO
LER 83-178/03 L-0

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

Technical Specification Involved: 3.8.1.1
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

On November 5, 1983, Diesel Generator 12 was started for completion of the seven day test reported in LER 83-179. On November 7, at approximately 2020 hours, the number 1 left bank starting air valve began to heat up. A maintenance work authorization was initiated at that time to inspect/replace the valve. The diesel generator was allowed to continue running while preparations were made to secure another air start valve. The temperature stopped increasing at approximately 158°F at 2130 hours.

At 0215 hours on November 8, plans were made to shutdown the diesel generator when the temperature continued to increase. The diesel generator was secured at 0420 hours, the air start valve was replaced and the diesel generator was started again at 0600 hours. The diesel generator was declared operable at 0700 hours.

A previous similar incident was reported in LER 83-082. A work authorization was written on August 11, 1983, to inspect the air starting system, i.e., the starting air distributor and components. This work was scheduled to be performed during the next generator availability for maintenance. The work is now expected to be completed by January 16, 1984. This is submitted as a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

02 DEC 16 1983
410:56

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
Diesel Generator 12 Shutdown
to Replace Air Start Valve
LER 83-178/03 L-0
AECM-83/0781

On November 8, 1983, at 0420 hours, Diesel Generator 12 was shutdown after 70 hours of continuous operation to replace the Number 1 left bank air start valve. A Limiting Condition for Operation was entered under Technical Specification 3.8.1.1. The event is reported pursuant to Technical Specification 6.9.1.13.b. The failure is considered nonvalid pursuant to Regulatory Position C.2.e(3) of Regulatory Guide 1.108. This is a final report. Attached is LER 83-178/03 L-0 with Supplementary Information.

Yours truly,

L. F. Dale

L. F. Dale
for 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)
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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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