

LICENSEE EVENT REPORT

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 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

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01 REPORT SOURCE L 8 0 5 0 0 0 4 1 6 7 0 8 3 0 8 3 8 1 0 0 5 8 3 9
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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 8-30-83, during a 24-hour surveillance test run, the Div. I D/G was
03 shutdown when the RB1 and LB5 cylinder exhaust gaskets failed and a
04 crack and 2 broken welds were discovered on the intercoolers. The diesel
05 was 98 minutes into the test run. Per Reg. Guide 1.108, para C.2.e.(3),
06 this was a valid successful test. There was no affect on the health and
07 safety of the public nor was there a threat to plant safety. This is
08 reported pursuant to T.S.4.8.1.1.3. This is a final report.

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 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

17 LER/RO REPORT NUMBER 8 3 1 3 6 0 3 X 1
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

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 N 23 N 24 A 25 D 0 5 5 26
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The gasket failures were caused by loose manifold bolts and have
11 been replaced. A crack in the base metal of the LH intercooler was
12 caused by turbocharger misalignment and mounting problems reported in
13 LER 83-107/03 L-0. Two broken stay rod welds on the RH intercooler were
14 due to insufficient filler welds. The crack & welds were weld repaired.

15 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
6 20 0 0 0 20 NA A 31 Operator Observation
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

16 ACTIVITY CONTENT 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 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

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 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

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 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

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 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

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 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

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NAME OF PREPARER

D. E. Cathey

PHONE:



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 5, 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 - Division 1
Diesel Generator Shutdown
Due to Failure of Exhaust
Gaskets on RB1 and LB5
Cylinders
LER 83-136/03 X-1
AECM-83/0638

This letter submits an update to a previous report submitted on September 29, 1983. The event for which the report was submitted occurred on August 30, 1983, when during a 24 hour surveillance test run, the Division 1 Diesel Generator was shutdown when the right bank number 1 and left bank number 5 cylinder exhaust gaskets failed and a crack and two broken welds were discovered on the intercoolers. The diesel was 98 minutes into the test run. This was considered a valid successful test pursuant to Regulatory Position C.2.e(3) of Regulatory Guide 1.108. This was reported pursuant to Technical Specification 4.8.1.1.3.

The original report cited the cause of the gasket failures to be normal deterioration. Subsequent investigation has determined that the gasket failures resulted from loose manifold bolts. Attached is LER 83-136/03 X-1 which is a final report.

Yours truly,

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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Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

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