

LICENSEE EVENT REPORT

Attachment to AECM-83/0461

Page 1 of 2

CONTROL BLOCK: 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

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 7/18/83, during performance of the HPCS D/G Monthly Functional Test, the D/G started, but tripped upon reaching approx. 300 rpm. No abnormal alarms were received other than the HPCS Diesel Engine Trip alarm. The failure is considered a valid failure pursuant to Reg. Position C.2.e. (5) of Reg. Guide 1.10B. The event had no affect on the health & safety of the public and did not constitute a threat to plant safety. This is reported pursuant to T.S.6.9.1.13.b as required by T.S.4.8.1.1.3.

0 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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A maintenance inspection was performed but no problems were identified. The diesel was restarted and tripped due to operator error (LER 83-100). The engine was started again and tested successfully, 12 hours after the first trip. This is the second valid failure. The testing interval is at least once per 14 days as required by Section C.2.d.(2) of R.G.1.10B.

1 5 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

NAME OF PREPARER Ron Byrd

PHONE

NRC USE ONLY

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PDR ADOCK 05000416
S PDR

SUPPLEMENTARY INFORMATION TO
LER 83-101/03 L-0

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

Technical Specification Involved: 3.8.1.2
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

The event described constituted the second valid failure which has occurred since receipt of the operating license (June 16, 1982). The failure was considered valid due to the inability to determine the exact cause. The first valid failure occurred on August 14, 1982, when the HPCS diesel tripped on overspeed due to a faulty tachometer relay (See LER 82-033).

On August 1, 1983, we submitted LER 83-082 as two valid diesel generator failures. The report stated that the testing frequency had been increased to once per three (3) days as indeed it had. However, after further evaluation we determined that these were invalid failures, i.e., the diesel generators were successfully loaded and exceeded 50% of continuous rating operation for a period exceeding one (1) hour. In accordance with Regulatory Position C.2.e.(3) of Regulatory Guide 1.108 this is considered a valid successful test. The testing frequency is now at a minimum of once per fourteen (14) days. LER 83-082 will be revised in the next update to reflect this change. This is submitted as a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 17, 1983 9:47

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
Valid Failure of HPCS Diesel
Generator
LER 83-101/03 L-0
AECM-83/0461

On July 18, 1983, during performance of the HPCS Diesel Generator Monthly Functional Test, the diesel generator started, but tripped upon reaching approximately 800 rpm. No abnormal alarms were received other than the HPCS Diesel Engine Trip Alarm. The failure is considered a valid failure pursuant to Regulatory Position C.2.e.(5) of Regulatory Guide 1.108. This is reported pursuant to Technical Specification 6.9.1.13.b as required by Technical Specification 4.8.1.1.3. Attached is LER 83-101/03 L-0 with Supplementary Information.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: (See Next Page)

OFFICIAL COPY

EX 22

MISSISSIPPI POWER & LIGHT COMPANY

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)

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Washington, D. C. 20555

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