

NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

LICENSEE EVENT REPORT (LER)

| | | |
|--|--------------------------------------|----------------------|
| FACILITY NAME (1) Grand Gulf Nuclear Station - Unit 1 | DOCKET NUMBER (2) 0 5 0 0 0 4 1 6 | PAGE (3) 1 OF 0 2 |
|--|--------------------------------------|----------------------|

TITLE (4)

Gas Turbine Generator Day Tank Undersized

| EVENT DATE (5) | | | LER NUMBER (6) | | | REPORT DATE (7) | | | OTHER FACILITIES INVOLVED (8) | | |
|----------------|-----|------|----------------|-------------------|-----------------|-----------------|-----|------|-------------------------------|--|------------------|
| MONTH | DAY | YEAR | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | MONTH | DAY | YEAR | FACILITY NAMES | | DOCKET NUMBER(S) |
| 0 5 | 2 4 | 8 4 | 8 4 | 0 2 6 | 0 0 | 0 7 | 0 2 | 8 4 | NA | | 0 5 0 0 0 0 |
| | | | | | | | | | | | 0 5 0 0 0 0 |

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|---------------------------|--|--|---|------------------|--|----------------------|--|--|--|--|--|
| OPERATING MODE (9) 2 | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11) | | | | | | | | | |
| POWER LEVEL (10) 0 0 3 | | 20.402(b) | | 20.406(c) | | 50.73(a)(2)(iv) | | 73.71(b) | | | |
| | | 20.406(a)(1)(i) | | 50.38(e)(1) | | 50.73(a)(2)(v) | | 73.71(c) | | | |
| | | 20.406(a)(1)(ii) | | 50.38(c)(2) | | 50.73(a)(2)(vii) | | OTHER (Specify in Abstract below and in Text, NRC Form 366A) | | | |
| | | 20.406(a)(1)(iii) | X | 50.73(a)(2)(i) | | 50.73(a)(2)(viii)(A) | | | | | |
| | | 20.406(a)(1)(iv) | | 50.73(a)(2)(ii) | | 50.73(a)(2)(viii)(B) | | | | | |
| | | 20.406(a)(1)(v) | | 50.73(a)(2)(iii) | | 50.73(a)(2)(ix) | | | | | |

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|---|--|--|--|--|--|--|--|-----------------------|--|--|--|
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | TELEPHONE NUMBER | | | |
| NAME Jerry L. Parker/ Licensing Engineer | | | | | | | | AREA CODE | | | |
| | | | | | | | | 6 0 1 4 3 7 - 2 1 4 9 | | | |

| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) | | | | | | | | | | |
|--|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|--|
| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPRDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPRDS | |
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|---|--|--|--|--|--|-------------------------------|-------|-----|------|
| SUPPLEMENTAL REPORT EXPECTED (14) | | | | | | EXPECTED SUBMISSION DATE (15) | MONTH | DAY | YEAR |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO | | | | | | | | | |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

At 1845 hours on June 1, 1984, it was discovered that the fuel oil day tank for one of the 3 gas turbines would only hold 270 gallons while the Technical Specification requires a 300 gallon minimum capacity. Interim Technical Specifications (from a special NRC Order) for the gas turbines were issued to allow dismantling the Division I diesel for inspection. Although the day tank capacity was increased to over 700 gallons within 5 hours, the condition had existed since May 24, 1984, when the Division I Diesel was tagged out.

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PDR ADOCK 05000416
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NRC Form 386A
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

| FACILITY NAME (1) | DOCKET NUMBER (2) | LER NUMBER (6) | | | PAGE (3) | | |
|-------------------------------------|-------------------|----------------|-------------------|-----------------|----------|----|-----|
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| Grand Gulf Nuclear Station - Unit 1 | 0 5 0 0 0 4 1 6 | 8 4 | 0 2 6 | 0 0 | 0 2 | OF | 0 2 |

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Interim Technical Specifications were issued in the NRC Order to MP&L, dated May 22, 1984. These Technical Specifications removed the operability requirements of the Division I Diesel Generator and added operability requirements for the Gas Turbine Generator System. Dismantling the Division I Diesel Generator was necessary to perform a special inspection required by the NRC due to generic concerns over DeLaval diesel engines. The interim Technical Specifications require each of the 3 gas turbines to have a fuel oil day tank with a minimum volume of 300 gallons. At 0645 hours on May 24, 1984, while the plant was operating in the Startup Mode with reactor power less than 5%, MP&L began complying with the NRC order by removing the Division I Diesel Generator from service and requiring the Gas Turbine Generator System to be operable. At 1845 hours on June 1, 1984, it was discovered that the day tank for one of the gas turbines was undersized and would only hold 270 gallons. The Gas Turbine Generator System was declared inoperable and the appropriate actions were taken in accordance with the interim Technical Specifications. Another day tank was installed in parallel with the existing one to yield a total capacity greater than 700 gallons. This tank was installed within 5 hours after discovery of the undersized tank. The system was returned to operable status. This event had no safety significance. This is a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

NUCLEAR LICENSING & SAFETY DEPARTMENT

July 2, 1984

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File: 0260/L-835.0
Gas Turbine Generator Day Tank
Undersized
LER 84-026-0
AECM-84/0321

Attached is Licensee Event Report (LER) 84-026-0 which is a final report.

Yours truly,

L. F. Dale
Director of Nuclear Licensing & Safety

EBS/SHH:rg
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. N. S. Reynolds (w/o)
Mr. G. B. Taylor (w/o)

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