



**Entergy
Operations**

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W. T. Cottle

Vice President
Nuclear Operations

April 12, 1991

U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
Monthly Operating Report

GNRO-91/00065

Gentlemen:

In accordance with the requirement of Technical Specification 6.9.1.10, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for March 1991 (attachment).

If you have any questions or require additional information, please contact this office.

Yours truly,

W. T. Cottle

WTC/TKM/cg

attachments: 1. Operating Status
2. Average Daily Power Level
3. Unit Shutdowns and Power Reductions
cc: (See next page)

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Page 2 of 3

cc:

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DOCKET NO. 50-416
DATE 04/12/91
COMPLETED BY L. F. Daughtery
TELEPHONE (301) 437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: March 1991
3. Licensed Thermal Power (MWT): 3833 MWT
4. Nameplate Rating (Gross MWE): 1372.5 MWE
5. Design Electrical Rating (Net MWe): 1250 MWE
6. Maximum Dependable Capacity (Gross MWe): 1190 MWE
7. Maximum Dependable Capacity (Net MWe): 1143 MWE
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:
New MDC test Performed on 01/17/91
9. Power Level To Which Restricted, In Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes:

| | <u>This Month</u> | <u>Yr to Date</u> | <u>Cumulative</u> |
|--|-------------------|-------------------|-------------------|
| 11. Hours In Reporting Period | 744 | 2160 | 56,482 |
| 12. Number of Hours Reactor Was Critical | 744 | 2160 | 44,126.8 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 0 |
| 14. Hours Generator On-Line | 744 | 2160 | 42,173.7 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWH) | 2,839,906 | 8,182,038 | 144,090,109 |
| 17. Gross Electrical Energy Generated (MWH) | 916,545 | 2,666,472 | 45,729,986 |
| 18. Net Electrical Energy Generated (MWH) | 881,794 | 2,565,462 | 43,707,461 |
| 19. Unit Service Factor | 100.0 | 100.0 | 77.6 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 77.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.7 | 100.9 | 73.4 |
| 22. Unit Capacity Factor (Using DER Net) | 94.8 | 95.0 | 66.5 |
| 23. Unit Forced Outage Rate | 0 | 0 | 5.9 |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

25. If Shut Down At End of Report Period. Estimated Date of Startup: NA
26. Units In Test Status (Prior to Commercial Operation).

| | <u>Forecast</u> | <u>Achieved</u> |
|----------------------|-----------------|-----------------|
| INITIAL CRITICALITY | | 08/18/82 |
| INITIAL ELECTRICITY | | 10/20/84 |
| COMMERCIAL OPERATION | | 07/01/85 |

DOCKET NO. 50-416
UNIT
DATE 04/12/91
COMPLETED BY L. F. Daughtery
TELEPHONE 601-437-2334

MONTH March 1991

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 1184.9 | 17 | 1189.0 |
| 2 | 1170.6 | 18 | 1199.0 |
| 3 | 1204.0 | 19 | 1196.9 |
| 4 | 1205.2 | 20 | 1188.3 |
| 5 | 1184.4 | 21 | 1174.6 |
| 6 | 1181.1 | 22 | 1169.8 |
| 7 | 1198.5 | 23 | 1168.5 |
| 8 | 1037.7 | 24 | 1188.1 |
| 9 | 1187.0 | 25 | 1183.2 |
| 10 | 1206.7 | 26 | 1174.7 |
| 11 | 1200.3 | 27 | 1173.1 |
| 12 | 1188.1 | 28 | 1181.2 |
| 13 | 1194.0 | 29 | 1195.1 |
| 14 | 1208.2 | 30 | 1197.2 |
| 15 | 1207.2 | 31 | 1204.3 |
| 16 | 1194.6 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
UNIT NAME 1
DATE 04/12/91
COMPLETED BY L. F. Daughtery
TELEPHONE 601-437-2334

REPORT MONTH March 1991

| No. | Date | Type (1) | Duration Hours | Reason (2) | Method of Shutting Down Reactor (3) | Licensee Event Report # | System Code (4) | Component Code (5) | Cause & Corrective Action To Prevent Recurrence |
|------|------|-------------|-------------------|---------------|--|-------------------------------|-----------------------|--------------------------|---|
| None | | | | | | | | | |

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure
(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training &
Licensing Examination
F-Administrative
G-Operational Error
(Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continued
5-Reduced load
6-Other

4
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER)
File (NUREG-0161)

5
Exhibit 1-Same Source