



Entergy

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September 15, 1998

Joseph E. Venables
General Manager, Plant Operations
Grand Gulf Nuclear Station

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-98/00076

Gentlemen:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for August 1998.

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

Yours truly,

JEV/SDL/cg

attachments: 1. Operating Status
2. Average Daily Power Level
3. Unit Shutdown and Power Reductions
cc: (See Next Page)

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PDR ADOCK C5000416
R PDR

1/1
IE24

Attachment 1 to GNRO-98/00076

DOCKET NO 50-416DATE 09/14/98COMPLETED BY S. D. LinTELEPHONE (601) 437-6793OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: August 1998
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): 1254 MWE
7. Maximum Dependable Capacity (Net MWe): 1204 MWE (Effective 06/01/98)
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: LP-B Turbine upgrade during RFO #9
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

| | <u>This Month</u> | <u>Yr to Date</u> | <u>Cumulative*</u> |
|--|-------------------|-------------------|--------------------|
| 11. Hours in Reporting Period | <u>744</u> | <u>5,831</u> | <u>121,551</u> |
| 12. Number of Hours Reactor was Critical | <u>744.0</u> | <u>4,855.5</u> | <u>101,594.5</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours Generator On-Line | <u>744.0</u> | <u>4,751.6</u> | <u>98,388.5</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>2,846,351</u> | <u>17,579,602</u> | <u>353,989,897</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>949,555</u> | <u>5,874,822</u> | <u>114,393,622</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>912,785</u> | <u>5,643,619</u> | <u>109,685,528</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>81.5</u> | <u>82.6</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>81.5</u> | <u>82.6</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>101.9</u> | <u>80.6</u> | <u>81.3</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>97.7</u> | <u>77.4</u> | <u>74.7</u> |
| 23. Unit Forced Outage Rate | <u>0.</u> | <u>4.3</u> | <u>5.6</u> |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u> | | | |
| 25. If Shut Down At End of Report Period. Estimated Date of Startup: <u>N/A</u> | | | |
| 26. Units in Test Status (Prior to Commercial Operation): | | | |

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

* Items 11 through 18 are cumulative results since initial electricity

Attachment 2 to GNRO-98/00076

| | |
|--------------|----------------|
| DOCKET NO | 50-416 |
| DATE | 09/14/98 |
| COMPLETED BY | S. D. Lin |
| TELEPHONE | (601) 437-6793 |

MONTH August 1998

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
|-----|--|

| | |
|----|------|
| 1 | 1209 |
| 2 | 1224 |
| 3 | 1232 |
| 4 | 1233 |
| 5 | 1232 |
| 6 | 1232 |
| 7 | 1235 |
| 8 | 1231 |
| 9 | 1228 |
| 10 | 1227 |
| 11 | 1227 |
| 12 | 1231 |
| 13 | 1235 |
| 14 | 1233 |
| 15 | 1208 |
| 16 | 1232 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
|-----|--|

| | |
|----|------|
| 17 | 1228 |
| 18 | 1226 |
| 19 | 1226 |
| 20 | 1228 |
| 21 | 1229 |
| 22 | 1234 |
| 23 | 1229 |
| 24 | 1227 |
| 25 | 1225 |
| 26 | 1223 |
| 27 | 1224 |
| 28 | 1227 |
| 29 | 1202 |
| 30 | 1229 |
| 31 | 1228 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
 UNIT NAME GGNS Unit 1
 DATE 09/14/98
 COMPLETED BY S. D. Lin
 TELEPHONE (601)437-6793

REPORT MONTH August 1993

| 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 (C&CA) |
|------|------|----------|-------------------|---------------|---|----------------------------|--------------------|-----------------------|---|
| None | | | | | | | | | |

1

2

3

4

5

F: Forced
S: Scheduled

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)

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

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

Exhibit 1 - Same Source