



**ENTERGY**

**Entergy Operations, Inc.**  
P.O. Box 756  
Port Gibson, MS 39150  
Tel 601 437 2800

**C. R. Hutchinson**  
Vice President  
Operations  
Grand Gulf Nuclear Station

March 15, 1994

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-94/00034

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 February 1994.

In the December 1993 Monthly Operating Report, a unit power reduction was inadvertently omitted. Please review Attachment IV.

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

Yours truly,

CRH/TMC

attachments: 1. Operating Status  
2. Average Daily Power Level  
3. Unit Shutdown and Power Reductions  
4. December 1993 Unit Shutdown and Power Reductions

cc: (See Next Page)

210112

9403220056 940228  
PDR ADDCK 05000416  
R PDR

JE24

March 15, 1994

GNRO-94/00034

Page 2 of 3

cc: Mr. R. H. Bernhard (w/a)  
Mr. D. C. Hintz (w/a)  
Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)

Mr. Stewart D. Ebnetter (w/a)  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

Mr. P. W. O'Connor, Project Manager  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop 13H3  
Washington, D.C. 20555

DOCKET NO 50-416  
 DATE 03/08/94  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: February 1994
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 3 through 7) Since Last Report. Give Resason: N/A
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>672</u>	<u>1,416</u>	<u>82,072</u>
12. Number of Hours Reactor was Critical	<u>672.0</u>	<u>1,416.0</u>	<u>66,102.6</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>672.0</u>	<u>1,416.0</u>	<u>63,475.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,569,894</u>	<u>5,383,432</u>	<u>223,201,003</u>
17. Gross Electrical Energy Generated (MWH)	<u>843,417</u>	<u>1,771,529</u>	<u>71,079,033</u>
18. Net Electrical Energy Generated (MWH)	<u>812,055</u>	<u>1,705,695</u>	<u>68,077,082</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>79.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>79.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>105.7</u>	<u>105.4</u>	<u>76.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.7</u>	<u>96.4</u>	<u>69.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>6.4</u>
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: \_\_\_\_\_
26. Units in Test Status (Prior to Commercial Operation).

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

DOCKET NO	<u>50-416</u>
DATE	<u>03/08/94</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(501) 437-6793</u>

MONTH February 1994

Day	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1228</u>	17	<u>1209</u>
2	<u>1226</u>	18	<u>1204</u>
3	<u>1221</u>	19	<u>1182</u>
4	<u>1206</u>	20	<u>1195</u>
5	<u>1187</u>	21	<u>1194</u>
6	<u>1209</u>	22	<u>1196</u>
7	<u>1200</u>	23	<u>1209</u>
8	<u>1187</u>	24	<u>1221</u>
9	<u>1205</u>	25	<u>1213</u>
10	<u>1200</u>	26	<u>1217</u>
11	<u>1223</u>	27	<u>1221</u>
12	<u>1214</u>	28	<u>1201</u>
13	<u>1219</u>	29	<u>N/A</u>
14	<u>1220</u>	30	<u>N/A</u>
15	<u>1217</u>	31	<u>N/A</u>
16	<u>1213</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
 UNIT NAME 1  
 DATE 03/08/94  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601)437-6793

REPORT MONTH FEBRUARY 1994

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 I - Same Source

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO. 50-416  
 UNIT NAME J  
 DATE 03/08/93  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601) 437-2334

REPORT MONTH DECEMBER 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)
93-011A	12/03/93	S	15.6	C	4	NA	NA	NA	Continuing startup preparation to end Refueling Outage 6.

- |   |  |   |  |  |
|---|--|---|--|--|
| <p><b>1</b></p> <p>F. Forced<br/>S. Scheduled</p> | <p><b>2</b></p> <p>Reason:<br/>A-Equipment Failure (Explain)<br/>B-Maintenance or Test<br/>C-Refueling<br/>D-Regulatory Restriction<br/>E-Operator Training &amp; Licensing Examination<br/>F-Administrative<br/>G-Operational Error (Explain)<br/>H-Other (Explain)</p> | <p><b>3</b></p> <p>Method:<br/>1-Manual<br/>2-Manual Scram<br/>3-Automatic Scram<br/>4-Continued<br/>5-Reduced load<br/>6-Other</p> | <p><b>4</b></p> <p>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p> | <p><b>5</b></p> <p>Exhibit 1 - Same Source</p> |
|---|--|---|--|--|