



**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

October 12, 1995

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-95/00115

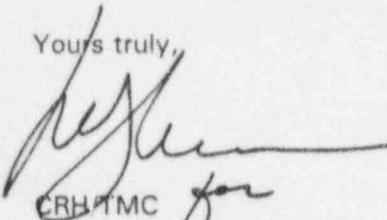
Gentlemen:

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 September 1995.

Also, please note that the Maximum Dependable Capacity (Gross MWe and Net MWe) has changed due to the HP turbine upgrade.

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

cc: (See Next Page)

170637

9510170003 950930  
PDR ADOCK 05000416  
R PDR

JE24, 11

October 12, 1995

GNRO-95/00115

Page 2 of 3

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

Mr. Leonard J. Callan (w/a)  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive Suite 400  
Arlington, TX 76011

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 10/05/95  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: September 1995
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): 1222 MWE
7. Maximum Dependable Capacity (Net MWe): 1173 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: HP Turbine Upgrade
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>720</u>	<u>6,551</u>	<u>95,967</u>
12. Number of Hours Reactor was Critical	<u>678.2</u>	<u>4,830.9</u>	<u>77,982.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>668.5</u>	<u>4,623.0</u>	<u>74,969.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,416,757</u>	<u>16,957,931</u>	<u>265,801,426</u>
17. Gross Electrical Energy Generated (MWH)	<u>793,010</u>	<u>5,522,341</u>	<u>84,843,840</u>
18. Net Electrical Energy Generated (MWH)	<u>760,307</u>	<u>5,297,553</u>	<u>81,283,694</u>
19. Unit Service Factor	<u>92.8</u>	<u>70.6</u>	<u>80.0</u>
20. Unit Availability Factor	<u>92.8</u>	<u>70.6</u>	<u>80.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.0</u>	<u>70.3</u>	<u>77.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>84.5</u>	<u>64.7</u>	<u>70.8</u>
23. Unit Forced Outage Rate	<u>7.2</u>	<u>10.5</u>	<u>6.7</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>          </u>	<u>08/18/82</u>
INITIAL ELECTRICITY	<u>          </u>	<u>10/20/84</u>
COMMERCIAL OPERATION	<u>          </u>	<u>07/01/85</u>

DOCKET NO 50-416  
DATE 10/05/95  
COMPLETED BY S. D. Lin  
TELEPHONE (601) 437-6793

MONTH September 1995DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1200</u>
2	<u>1206</u>
3	<u>1214</u>
4	<u>1217</u>
5	<u>1211</u>
6	<u>1214</u>
7	<u>1214</u>
8	<u>1209</u>
9	<u>1207</u>
10	<u>1223</u>
11	<u>1217</u>
12	<u>1213</u>
13	<u>1206</u>
14	<u>1203</u>
15	<u>1202</u>
16	<u>1198</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>1105</u>
18	<u>0</u>
19	<u>0</u>
20	<u>291</u>
21	<u>810</u>
22	<u>851</u>
23	<u>859</u>
24	<u>1175</u>
25	<u>1147</u>
26	<u>1222</u>
27	<u>1220</u>
28	<u>1220</u>
29	<u>1217</u>
30	<u>1208</u>
31	<u>N/A</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
 UNIT NAME GGNS Unit 1  
 DATE 10/05/95  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601)437-6793

REPORT MONTH September 1995

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)
95-010	09/17/95	F	51.5	A	3	LER # 95-011	SJ	V	Reactor scram at low reactor water level caused by failure of the pump discharge check valve to close following a trip of Reactor Feed Pump Turbine "B" resulting from malfunction of pressure regulating valve PRV-4 in lube oil system. Both "B" and "A" discharge check valves were repaired to prevent a similar occurrence.

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 I - Same Source