



Entergy Operations, Inc.  
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**Charles A. Bottemiller**  
Manager  
Plant Licensing

September 13, 2002

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

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

GNRO-2002/00080

Ladies and Gentlemen:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations, Inc. is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for August 2002.

This letter does not contain any commitments.

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

Yours truly,

A handwritten signature in black ink, appearing to read "C. Bottemiller".

CAB/AMT:amt  
attachments:

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

cc:

September 13, 2002  
GNRO-2002/00080  
Page 2 of 2

cc:

Hoeg	T. L.	(GGNS Senior Resident)	(w/a)
Levanway	D. E.	(Wise Carter)	(w/a)
Reynolds	N. S.		(w/a)
Smith	L. J.	(Wise Carter)	(w/a)
Thomas	H. L.		(w/o)

U.S. Nuclear Regulatory Commission  
ATTN: Mr. E. W. Merschoff (w/2)  
Regional Administrator, Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-4005

U.S. Nuclear Regulatory Commission  
ATTN: Mr. David H. Jaffe NRR/DLPM (w/2)  
**ATTN: FOR ADDRESSEE ONLY**  
ATTN: U.S. Postal Delivery Address Only  
Mail Stop OWFN/7D-1  
Washington, D.C. 20555-0001

DOCKET NO	<u>50-416</u>
DATE	<u>09/11/2002</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

**OPERATING STATUS**

1. Unit Name: GGNS UNIT 1
2. Reporting Period: August 2002
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): 1257 MWE
7. Maximum Dependable Capacity (Net MWe): 1207 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: 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>744</u>	<u>5,831</u>	<u>156,615</u>
12. Number of Hours Reactor was Critical	<u>744.0</u>	<u>5,780.2</u>	<u>134,307.1</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>5,757.2</u>	<u>130,658.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,714,888</u>	<u>21,825,858</u>	<u>475,588,524</u>
17. Gross Electrical Energy Generated (MWH)	<u>920,482</u>	<u>7,423,906</u>	<u>155,704,866</u>
18. Net Electrical Energy Generated (MWH)	<u>881,648</u>	<u>7,136,216</u>	<u>149,415,924</u>
19. Unit Service Factor	<u>100.0</u>	<u>98.7</u>	<u>84.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>98.7</u>	<u>84.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.2</u>	<u>101.4</u>	<u>84.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.8</u>	<u>97.9</u>	<u>78.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.3</u>	<u>5.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage #12 to begin on 09/13/02 for 30 days.</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):			

Forecast Achieved

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

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TELEPHONE	<u>(601) 437-6793</u>

MONTH: August 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1252</u>	17	<u>1184</u>
2	<u>1252</u>	18	<u>1176</u>
3	<u>1251</u>	19	<u>1168</u>
4	<u>1252</u>	20	<u>1163</u>
5	<u>1243</u>	21	<u>1159</u>
6	<u>1221</u>	22	<u>1154</u>
7	<u>1221</u>	23	<u>1148</u>
8	<u>1232</u>	24	<u>1137</u>
9	<u>1227</u>	25	<u>1137</u>
10	<u>1226</u>	26	<u>1134</u>
11	<u>1218</u>	27	<u>1132</u>
12	<u>1210</u>	28	<u>1128</u>
13	<u>1185</u>	29	<u>1122</u>
14	<u>1199</u>	30	<u>1115</u>
15	<u>1195</u>	31	<u>1107</u>
16	<u>1189</u>		

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH August 2002

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									

<p><b>1</b></p> <p>F: Forced S: Scheduled</p>	<p><b>2</b></p> <p>Reason: A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training &amp; Licensing Examination F-Administrative G-Operational Error (Explain) H-Other (Explain)</p>	<p><b>3</b></p> <p>Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Continued 5-Reduced load 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>
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