



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

GNRO-2004/00056

October 14, 2004

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

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

Dear Sir or Madam:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations, Inc. is providing the Monthly Operating Report (MOR) for Grand Gulf Nuclear Station Unit 1 for September 2004.

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 be "CAB", with a long horizontal flourish extending to the right.

CAB/AMT:amt  
attachments:

1. Operating Status
2. Average Daily Power Level
3. Unit Shutdown and Power Reductions

cc: (See Next Page)

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cc: NRC Senior Resident Inspector  
Grand Gulf Nuclear Station  
Port Gibson, MS 39150

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

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

Mr. D. E. Levanway (Wise Carter)  
Mr. L. J. Smith (Wise Carter)  
Mr. N. S. Reynolds  
Mr. H. L. Thomas

DOCKET NO	<u>50-416</u>
DATE	<u>10/01/2004</u>
COMPLETED BY	<u>J. Charboneau</u>
TELEPHONE	<u>(601) 437-6797</u>

**OPERATING STATUS**

1. Unit Name: GGNS UNIT 1
2. Reporting Period: September, 2004
3. Licensed Thermal Power (MWt): 3898 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): None
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>6575</u>	<u>174,879</u>
12. Number of Hours Reactor was Critical	<u>720.0</u>	<u>5891.48</u>	<u>151,257.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>5838.0</u>	<u>147,454.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,805,017</u>	<u>22,536,698</u>	<u>540,178,413</u>
17. Gross Electrical Energy Generated (MWH)	<u>957,723</u>	<u>7,695,006</u>	<u>177,789,007</u>
18. Net Electrical Energy Generated (MWH)	<u>920,171</u>	<u>7,393,681</u>	<u>170,635,346</u>
19. Unit Service Factor	<u>100.0</u>	<u>88.8</u>	<u>85.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>88.8</u>	<u>85.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>105.9</u>	<u>93.2</u>	<u>85.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>102.2</u>	<u>90.0</u>	<u>80.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.7</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u></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></u>		

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

DOCKET NO 50-416  
 DATE 10/01/2004  
 COMPLETED BY J. Charboneau  
 TELEPHONE (601) 437-6797

MONTH: September 2004

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1280</u>	17	<u>1275</u>
2	<u>1276</u>	18	<u>1280</u>
3	<u>1275</u>	19	<u>1285</u>
4	<u>1274</u>	20	<u>1283</u>
5	<u>1273</u>	21	<u>1283</u>
6	<u>1272</u>	22	<u>1281</u>
7	<u>1274</u>	23	<u>1278</u>
8	<u>1282</u>	24	<u>1278</u>
9	<u>1278</u>	25	<u>1274</u>
10	<u>1276</u>	26	<u>1278</u>
11	<u>1278</u>	27	<u>1281</u>
12	<u>1275</u>	28	<u>1286</u>
13	<u>1274</u>	29	<u>1285</u>
14	<u>1275</u>	30	<u>1286</u>
15	<u>1274</u>	31	<u></u>
16	<u>1273</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 2004

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)
1	09/25/2004	S	0.6	B	5	NA	NA	NA	NA

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