



**Entergy Operations, Inc.**  
P. O. Box 756  
Port Gibson, MS 39150  
Tel 601 437 2129

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

February 15, 2001

U.S. Nuclear Regulatory Commission  
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-2001/00008

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 January 2001.

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 "Joe Venable".

JEV/SDL/AMT  
attachments:

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

cc:

February 15, 2001  
GNRO-2001/00008  
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)

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

**ATTN: ADDRESSEE ONLY**

Mr. S. P. Sekerak, NRR/DLPM/PD IV-1 (w/2)  
U.S. Nuclear Regulatory Commission  
One White Flint North, Mail Stop O7-D1  
11555 Rockville Pike  
Rockville, MD 20852-2378

DOCKET NO	50-416
DATE	02/12/2001
COMPLETED BY	S. D. Lin
TELEPHONE	(601) 437-6793

**OPERATING STATUS**

1. Unit Name: GGNS UNIT 1
2. Reporting Period: January 2001
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): 1260 MWE
7. Maximum Dependable Capacity (Net MWe): 1210 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>744</u>	<u>142,768</u>
12. Number of Hours Reactor was Critical	<u>744.0</u>	<u>744.0</u>	<u>121,123.0</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>744.0</u>	<u>117,604.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,833,619</u>	<u>2,833,619</u>	<u>426,328,619</u>
17. Gross Electrical Energy Generated (MWH)	<u>983,857</u>	<u>983,857</u>	<u>138,946,077</u>
18. Net Electrical Energy Generated (MWH)	<u>946,566</u>	<u>946,566</u>	<u>133,302,296</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>83.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>83.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>105.2</u>	<u>105.2</u>	<u>83.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>101.8</u>	<u>101.8</u>	<u>77.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>5.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage No. 11 beginning on 04/14/01 at 0000 hour. The outage is scheduled for approximately 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):			
	<u>Forecast 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

DOCKET NO	<u>50-416</u>
DATE	<u>02/12/2001</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

MONTH: January 2001

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

1	<u>1279</u>
2	<u>1283</u>
3	<u>1288</u>
4	<u>1286</u>
5	<u>1277</u>
6	<u>1268</u>
7	<u>1268</u>
8	<u>1263</u>
9	<u>1121</u>
10	<u>1254</u>
11	<u>1250</u>
12	<u>1276</u>
13	<u>1277</u>
14	<u>1286</u>
15	<u>1277</u>
16	<u>1263</u>

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

17	<u>1290</u>
18	<u>1283</u>
19	<u>1288</u>
20	<u>1288</u>
21	<u>1284</u>
22	<u>1290</u>
23	<u>1286</u>
24	<u>1281</u>
25	<u>1283</u>
26	<u>1278</u>
27	<u>1278</u>
28	<u>1285</u>
29	<u>1287</u>
30	<u>1275</u>
31	<u>1291</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 2001

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