



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, 2000

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-2000/00010

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 2000.

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

Yours truly,

*Joseph E. Venable by Clark D. Stafford*

JEV/SDL/AMT  
attachments:

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

cc:

G20002101

*JEV4*

cc: Ms. J. L. Dixon-Herrity, GGNS Senior Resident (w/a)  
Mr. D. E. Levanway (Wise Carter)  
Mr. L. J. Smith (Wise Carter) (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)

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

Mr. S. P. Sekerak, NRR/DLPM/PD IV-I (W/2)  
U.S. Nuclear Regulatory Commission  
One White Flint North, Mail Stop 04-D3  
11555 Rockville Pike  
Rockville, MD 20852-2378

DOCKET NO	<u>50-416</u>
DATE	<u>02/09/2000</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: January 2000
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): 1254 MWE
7. Maximum Dependable Capacity (Net MWe): 1204 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: \_\_\_\_\_
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>133,984</u>
12. Number of Hours Reactor was Critical	<u>744.0</u>	<u>744.0</u>	<u>112,391.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>675.1</u>	<u>675.1</u>	<u>108,900.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,500,943</u>	<u>2,500,943</u>	<u>393,349,536</u>
17. Gross Electrical Energy Generated (MWH)	<u>836,602</u>	<u>836,602</u>	<u>127,680,595</u>
18. Net Electrical Energy Generated (MWH)	<u>804,009</u>	<u>804,009</u>	<u>122,465,126</u>
19. Unit Service Factor	<u>90.7</u>	<u>90.7</u>	<u>82.8</u>
20. Unit Availability Factor	<u>90.7</u>	<u>90.7</u>	<u>82.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.8</u>	<u>89.8</u>	<u>81.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>86.5</u>	<u>86.5</u>	<u>75.5</u>
23. Unit Forced Outage Rate	<u>9.3</u>	<u>9.3</u>	<u>5.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shut Down At End of Report Period. Estimated Date of Startup: N/A
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>

\* Items 11 through 18 are cumulative results since initial electricity

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MONTH: January 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1103</u>	17	<u>1265</u>
2	<u>1255</u>	18	<u>1263</u>
3	<u>1254</u>	19	<u>1266</u>
4	<u>1282</u>	20	<u>1286</u>
5	<u>1289</u>	21	<u>1134</u>
6	<u>1285</u>	22	<u>79</u>
7	<u>1280</u>	23	<u>720</u>
8	<u>1275</u>	24	<u>767</u>
9	<u>1266</u>	25	<u>0</u>
10	<u>1270</u>	26	<u>0</u>
11	<u>1271</u>	27	<u>630</u>
12	<u>1261</u>	28	<u>1242</u>
13	<u>1270</u>	29	<u>1081</u>
14	<u>1287</u>	30	<u>1281</u>
15	<u>1279</u>	31	<u>1291</u>
16	<u>1269</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 2000

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)
12-004	991230	S	0.0	F	4	N/A	N/A	N/A	For prudence, reactor power was reduced to approximately 80% for Y2K rollover.
01-001	000122	F	14.3	A	6	N/A	N/A	N/A	Generator taken off line at low reactor power to rework main generator "B" transformer bushing.
01-002	000124	F	54.7	A	6	N/A	N/A	N/A	Generator taken off line again at low reactor power to repair main generator transformer bushings.

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