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Grand Gulf Nuclear Station

January 13, 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-2000/00001

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 December 1999.

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

Yours truly,

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

JEV/SDL/amt
attachments:

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

cc:

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DOCKET NO 50-416
 DATE 01/11/2000
 COMPLETED BY S. D. Lin
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: December 1999
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>8,760</u>	<u>133,240</u>
12. Number of Hours Reactor was Critical	<u>579.3</u>	<u>7,124.2</u>	<u>111,647.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>477.0</u>	<u>6,946.0</u>	<u>108,225.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,543,192</u>	<u>25,999,026</u>	<u>390,848,593</u>
17. Gross Electrical Energy Generated (MWH)	<u>503,645</u>	<u>8,762,871</u>	<u>126,843,993</u>
18. Net Electrical Energy Generated (MWH)	<u>482,381</u>	<u>8,428,397</u>	<u>121,661,117</u>
19. Unit Service Factor	<u>64.1</u>	<u>79.3</u>	<u>82.7</u>
20. Unit Availability Factor	<u>64.1</u>	<u>79.3</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>53.9</u>	<u>79.9</u>	<u>81.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>51.9</u>	<u>77.0</u>	<u>75.4</u>
23. Unit Forced Outage Rate	<u>33.8</u>	<u>10.9</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: <u>N/A</u>			
26. Units in Test Status (Prior to Commercial Operation):			

Forecast Achieved

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

DOCKET NO	<u>50-416</u>
DATE	<u>01/11/2000</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

MONTH: December 1999DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>41</u>
11	<u>132</u>
12	<u>311</u>
13	<u>163</u>
14	<u>230</u>
15	<u>985</u>
16	<u>832</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>901</u>
18	<u>902</u>
19	<u>817</u>
20	<u>1214</u>
21	<u>1286</u>
22	<u>1264</u>
23	<u>1285</u>
24	<u>1284</u>
25	<u>1291</u>
26	<u>1282</u>
27	<u>1282</u>
28	<u>1286</u>
29	<u>1281</u>
30	<u>1028</u>
31	<u>1004</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1999

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)
10-002	991023	S	24.0	C	4	N/A	N/A	N/A	Planned Refueling Outage #10 continued.
12-001	991202	S	203.9	C	4	N/A	N/A	N/A	Scheduled extension of RFO #10
12-002	991211	F	14.6	A	6	N/A	N/A	N/A	Power reduced to take generator off grid for repairing HP Turbine 1 st -stage pressure sensing line
12-003	991213	F	19.1	A	6	N/A	N/A	N/A	Turbine tripped at reduced power to repair the pressure sensing line again
12-004	991230	S	0.0	F	6	N/A	N/A	N/A	For prudence, reactor power was reduced to approximately 80% for Y2K rollover

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