



**ENTERGY**

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January 14, 1992

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Vice President  
Operations  
Grand Gulf Nuclear Station

U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
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-92/00003

Gentlemen:

In accordance with the requirement of Technical Specification 6.9.1.10, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for December 1991 (attachment).

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

Yours truly,

WTC/TKM/cg

attachments: 1. Operating Status  
2. Average Daily Power Level  
3. Unit Shutdowns and Power Reductions  
cc: (See next page)

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DOCKET NO. 50-416  
 DATE 01/07/92  
 COMPLETED BY L. F. Daughtery  
 TELEPHONE (601)437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1  
 2. Reporting Period: December 1991  
 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): 1190 MWE  
 7. Maximum Dependable Capacity (Net MWe): 1143 MWE  
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

Notes:

N/A

9. Power Level To Which Restricted, In 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	744	8,760	63,032
12. Number of Hours Reactor Was Critical	694	8,230.3	50,197.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	594	8,036.7	48,050.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,602,303	29,815,113	165,723,184
17. Gross Electrical Energy Generated (MWH)	832,426	9,506,596	52,570,110
18. Net Electrical Energy Generated (MWH)	799,195	9,118,716	50,260,715
19. Unit Service Factor	93.3	91.7	78.9
20. Unit Availability Factor	93.3	91.7	78.9
21. Unit Capacity Factor (Using MDC Net)	94.0	91.1	75.0
22. Unit Capacity Factor (Using DER Net)	85.9	83.3	68.0
23. Unit Forced Outage Rate	6.7	8.3	6.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
 Begin Refueling Outage - 5 on 04/17/92 for an estimated duration of 46 days.

25. If Shut Down At End of Report Period. Estimated Date of Startup: NA  
 26. Units In Test Status (Prior to Commercial Operation).

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	_____	08/18/82
INITIAL ELECTRICITY	_____	10/20/84
COMMERCIAL OPERATION	_____	07/01/85

DOCKET NO. 50-416  
 UNIT 1  
 DATE 01/07/92  
 COMPLETED BY L. F. Daughtery  
 TELEPHONE 601-437-2334

MONTH December 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1152.9</u>	17	<u>1168.8</u>
2	<u>1118.4</u>	18	<u>1168.4</u>
3	<u>1198.6</u>	19	<u>1172.7</u>
4	<u>1199.6</u>	20	<u>1135.4</u>
5	<u>1195.1</u>	21	<u>811.2</u>
6	<u>1188.5</u>	22	<u>1119.3</u>
7	<u>1170.5</u>	23	<u>1170.0</u>
8	<u>1176.0</u>	24	<u>1193.0</u>
9	<u>1172.4</u>	25	<u>1196.4</u>
10	<u>1182.3</u>	26	<u>1188.1</u>
11	<u>1175.8</u>	27	<u>1172.4</u>
12	<u>1163.4</u>	28	<u>1184.9</u>
13	<u>1165.2</u>	29	<u>818.5</u>
14	<u>1183.1</u>	30	<u>0</u>
15	<u>1197.3</u>	31	<u>0</u>
16	<u>1193.4</u>		



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
 UNIT NAME 1  
 DATE 01/07/92  
 COMPLETED BY L. F. Daugiter  
 TELEPHONE 601-437-2334

REPORT MONTH December 1991

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)
91-013	12/21/91	S	53	B	5	N/A	N/A	N/A	Rx thermal power reduction to approximately 60% for control rod sequence exchange.
91-014	12/29/91	F	10	A	5	N/A	N/A	N/A	Reduced power to cold shutdown for forced shutdown to replace Recirc Pump 'B' shaft.
91-015	12/29/91	F	50.0	A	5	N/A	AD	P	Forced shutdown for Recirc Pump 'B' shaft replacement

## UNIT SHUTDOWNS AND POWER REDUCTIONS

- 1 F: Forced  
S: Scheduled
- 2 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)

- 3 Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continued  
5-Reduced load  
6-Other

- 4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

- 5 Exhibit I-Same Source