



**Entergy  
Operations**

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November 13, 1990

**W. T. Cottle**  
Vice President  
Nuclear Operations

U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555

Attention: Document Control Desk

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No NPF-29  
Monthly Operating Report  
AECM-90/0197

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 October 1990 (attachment).

Also, corrected September monthly and year-to-date values for "hours generator on-line" are reflected in the year-to-date and cumulative values for October.

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

Yours truly,

WTC/RSJ:cg  
Attachment

9011160131 901031  
PDR ADOCK 05000416  
R FDC

MOPOCT/SCMPFLR

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DOCKET NO. 50-416  
DATE 11/08/90  
COMPLETED BY L. F. Daughtery  
TELEPHONE (601)437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: October 1990
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): 1142 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	<u>745</u>	<u>7,296</u>	<u>52,858</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>6,325</u>	<u>41,380.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>6,300.9</u>	<u>39,548.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>22,798,861</u>	<u>134,364,439</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>7,246,615</u>	<u>42,570,575</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>6,944,903</u>	<u>40,582,896</u>
19. Unit Service Factor	<u>0</u>	<u>86.3</u>	<u>78.0</u>
20. Unit Availability Factor	<u>0</u>	<u>86.3</u>	<u>78.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>83.3</u>	<u>73.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>76.2</u>	<u>66.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.5</u>	<u>5.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End of Report Period. Estimated Date of Startup: 11/27/90
26. Units In Test Status (Prior to Commercial Operation).

	<u>Forecast</u>	<u>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>

DOCKET NO. 50-416  
UNIT 1  
DATE 11/08/90  
COMPLETED BY L. F. Daughtery  
TELEPHONE 601-437-2334

MONTH	<u>October 1990</u>		
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
UNIT NAME 1  
DATE 11/08/90  
COMPLETED BY L. F. Daughtery  
TELEPHONE 601-437-2334

REPORT MONTH October 1990

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
90-010	09/30/90	S	745.0	C	1	NA	NA	NA	Continued Refueling Outage

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 1-Same Source