



**ENTERGY**

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Vice President  
Operations  
Grand Gulf Nuclear Station

May 8, 1996

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-96/00054

Gentlemen:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for April 1996.

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

Yours truly,

CRH/CWG

attachments: 1. Operating Status  
2. Average Daily Power Level  
3. Unit Shutdown and Power Reductions

cc: (See Next Page)

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cc:

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U.S. Nuclear Regulatory Commission  
Mail Stop 13H3  
Washington, D.C. 20555

DOCKET NO	50-416
DATE	05/02/96
COMPLETED BY	S. D. Lin
TELEPHONE	(601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: April 1996
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): 1222 MWE
7. Maximum Dependable Capacity (Net MWe): 1173 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>719</u>	<u>2903</u>	<u>101,079</u>
12. Number of Hours Reactor was Critical	<u>719.0</u>	<u>2903.0</u>	<u>83,094.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2903.0</u>	<u>80,081.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,735,972</u>	<u>11,038,792</u>	<u>285,272,324</u>
17. Gross Electrical Energy Generated (MWH)	<u>911,771</u>	<u>3,702,663</u>	<u>91,371,854</u>
18. Net Electrical Energy Generated (MWH)	<u>876,490</u>	<u>3,558,794</u>	<u>87,558,439</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>81.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>81.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>103.9</u>	<u>104.5</u>	<u>79.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.5</u>	<u>98.1</u>	<u>72.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>6.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>Refueling Outage # 8 beginning at 0000 hour on 10/12/96 for 30 days.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: _____			
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>

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MONTH April 1996DAY      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1239
2	1238
3	1232
4	1225
5	1244
6	1028
7	1240
8	1232
9	1240
10	1237
11	1225
12	1223
13	1216
14	1222
15	1238
16	1237

DAY      AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	1234
18	1218
19	1209
20	1210
21	1213
22	1215
23	1228
24	1230
25	1221
26	1218
27	1188
28	1212
29	1224
30	1237
31	N/A

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
 UNIT NAME GGNS Unit 1  
 DATE 05/02/96  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601)437-6793

REPORT MONTH April 1996

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)
96-002	04/06/96	S	0.	B	6	N/A	N/A	N/A	Reactor power reduced to approximately 70% for control rod sequence exchange.

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 I - Same Source