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Operations
Grand Gulf Nuclear Station

May 13, 1997

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-97/00038

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 1997.

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

Yours truly,

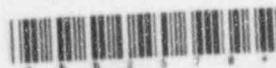
JJH/CWG

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

cc: (See Next Page)

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May 13, 1997
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cc:

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Washington, D.C. 20555

DOCKET NO 50-416
 DATE 05/05/97
 COMPLETED BY S. D. Lin
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: APRIL 1997
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): 1250 MWE
7. Maximum Dependable Capacity (Net MWe): 1200 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: N/A
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>2,879</u>	<u>109,839</u>
12. Number of Hours Reactor was Critical	<u>719.0</u>	<u>2,879.0</u>	<u>90,858.0</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>2,879.0</u>	<u>87,755.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,753,455</u>	<u>11,001,320</u>	<u>314,120,356</u>
17. Gross Electrical Energy Generated (MWH)	<u>939,333</u>	<u>3,764,589</u>	<u>101,036,520</u>
18. Net Electrical Energy Generated (MWH)	<u>904,392</u>	<u>3,622,971</u>	<u>96,847,316</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>81.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>81.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>104.8</u>	<u>104.9</u>	<u>80.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.6</u>	<u>100.7</u>	<u>73.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>6.1</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):			

	<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	<u>50-416</u>
DATE	<u>05/05/97</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

MONTH April 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1263</u>	17	<u>1265</u>
2	<u>1260</u>	18	<u>1267</u>
3	<u>1256</u>	19	<u>1243</u>
4	<u>1244</u>	20	<u>1249</u>
5	<u>1234</u>	21	<u>1243</u>
6	<u>1252</u>	22	<u>1250</u>
7	<u>1264</u>	23	<u>1261</u>
8	<u>1267</u>	24	<u>1263</u>
9	<u>1264</u>	25	<u>1264</u>
10	<u>1261</u>	26	<u>1256</u>
11	<u>1256</u>	27	<u>1250</u>
12	<u>1265</u>	28	<u>1259</u>
13	<u>1274</u>	29	<u>1260</u>
14	<u>1272</u>	30	<u>1247</u>
15	<u>1267</u>	31	<u>N/A</u>
16	<u>1262</u>		

DOCKET NO.	50-416
UNIT NAME	GGNS Unit 1
DATE	05/05/97
COMPLETED BY	S. D. Lin
TELEPHONE	(601)437-6793

REPORT MONTH April 1997

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)
None									

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
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