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Grand Gulf Nuclear Station

October 8, 1998

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-98/00082

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 September 1998.

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

Yours truly,

Joseph E. Venable
General Manager, Plant Operations

JEV/SDL/cg

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

cc: (See Next Page)

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DOCKET NO 50-416
 DATE 10/06/98
 COMPLETED BY S. D. Lin
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: September 1998
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>720</u>	<u>6,551</u>	<u>122,271</u>
12. Number of Hours Reactor was Critical	<u>720.0</u>	<u>5,575.5</u>	<u>102,314.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>681.7</u>	<u>5,433.3</u>	<u>99,070.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,490,763</u>	<u>20,070,365</u>	<u>356,480,660</u>
17. Gross Electrical Energy Generated (MWH)	<u>824,499</u>	<u>6,699,321</u>	<u>115,218,121</u>
18. Net Electrical Energy Generated (MWH)	<u>791,757</u>	<u>6,435,376</u>	<u>110,477,285</u>
19. Unit Service Factor	<u>94.7</u>	<u>82.9</u>	<u>82.7</u>
20. Unit Availability Factor	<u>94.7</u>	<u>82.9</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.3</u>	<u>81.7</u>	<u>81.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.0</u>	<u>78.6</u>	<u>74.8</u>
23. Unit Forced Outage Rate	<u>5.3</u>	<u>4.4</u>	<u>5.6</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>

* Items 11 through 18 are cumulative results since initial electricity

Attachment 2 to GNRO-98/00082

DOCKET NO 50-416
DATE 10/06/98
COMPLETED BY S. D. Lin
TELEPHONE (601) 437-6793

MONTH September 1998DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1234</u>
2	<u>1233</u>
3	<u>1236</u>
4	<u>1235</u>
5	<u>1232</u>
6	<u>1231</u>
7	<u>1231</u>
8	<u>1231</u>
9	<u>1240</u>
10	<u>1240</u>
11	<u>1239</u>
12	<u>849</u>
13	<u>1148</u>
14	<u>834</u>
15	<u>25</u>
16	<u>48</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>654</u>
18	<u>1205</u>
19	<u>1129</u>
20	<u>1173</u>
21	<u>1230</u>
22	<u>1231</u>
23	<u>1236</u>
24	<u>1240</u>
25	<u>1238</u>
26	<u>1238</u>
27	<u>1234</u>
28	<u>1236</u>
29	<u>1230</u>
30	<u>1229</u>
31	<u>1228</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1998

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)
98-008	09/12/98	S	0.	B	6	N/A	N/A	N/A	Power reduced for control rod sequence exchange. Circulating Water Pump "B" seal repacked at low power.
98-009	09/14/98	F	0.	B	6	N/A	N/A	N/A	Power reduced in preparation for repairing ruptured instrument air tubing in drywell at low power.
98-010	09/15/98	F	38.3	A	6	N/A	N/A	N/A	Turbine tripped by Operator when temperature difference between two sides of LP turbine inlet exceeded 25 °F because of partially open MSR "B" 2 nd -Stage temperature control valves while taking MSR out of service at reduced power in preparation for drywell entry.

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