

October 13, 2000

U.S. Nuclear Regulatory Commission
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-2000/00074

Gentlemen:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations, Inc. is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for September 2000.

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

Yours truly,



JEV/SDL/AMT
attachments:

1. Operating Status
2. Average Daily Power Level
3. Unit Shutdown and Power Reductions
(See Next Page)

cc:

G200103

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Reid
11/16/00
DCP

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cc:

Dixon-Herrity	J. L.	GGNS Senior Resident)	(w/a)
Levanway	D. E.	(Wise Carter)	(w/a)
Reynolds	N. S.		(w/a)
Smith	L. J.	(Wise Carter)	(w/a)
Thomas	H. L.		(w/o)

Mr. E. W. Merschoff (w/2)
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive,
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ATTN: ADDRESSEE ONLY
Mr. S. P. Sekerak, NRR/DLPM/PD IV-1 (w/2)
U.S. Nuclear Regulatory Commission
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DOCKET NO	<u>50-416</u>
DATE	<u>10/04/2000</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: September 2000
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): 1260 MWE
7. Maximum Dependable Capacity (Net MWe): 1210 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>720</u>	<u>6,575</u>	<u>139,815</u>
12. Number of Hours Reactor was Critical	<u>667.3</u>	<u>6,522.3</u>	<u>118,170.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>639.9</u>	<u>6,426.0</u>	<u>114,651.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,237,045</u>	<u>24,231,932</u>	<u>415,065,722</u>
17. Gross Electrical Energy Generated (MWH)	<u>746,101</u>	<u>8,215,257</u>	<u>135,059,250</u>
18. Net Electrical Energy Generated (MWH)	<u>715,710</u>	<u>7,901,662</u>	<u>129,562,779</u>
19. Unit Service Factor	<u>88.9</u>	<u>97.7</u>	<u>83.5</u>
20. Unit Availability Factor	<u>88.9</u>	<u>97.7</u>	<u>83.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.2</u>	<u>99.3</u>	<u>82.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>79.5</u>	<u>96.1</u>	<u>76.4</u>
23. Unit Forced Outage Rate	<u>11.1</u>	<u>2.3</u>	<u>5.7</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):			

Forecast Achieved

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

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MONTH: September 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1086</u>	17	<u>0</u>
2	<u>1141</u>	18	<u>73</u>
3	<u>1141</u>	19	<u>215</u>
4	<u>1140</u>	20	<u>355</u>
5	<u>1145</u>	21	<u>1120</u>
6	<u>1186</u>	22	<u>1120</u>
7	<u>1249</u>	23	<u>1178</u>
8	<u>1243</u>	24	<u>1236</u>
9	<u>1208</u>	25	<u>1259</u>
10	<u>1237</u>	26	<u>1271</u>
11	<u>1237</u>	27	<u>1268</u>
12	<u>1237</u>	28	<u>1262</u>
13	<u>1240</u>	29	<u>1176</u>
14	<u>1232</u>	30	<u>1230</u>
15	<u>337</u>	31	<u>N/A</u>
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 2000

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)
09-001	000915	F	80.1	A	3	LER 2000-005-00	TA	N/A	Reactor automatically scrammed @0630 hour when the load-reject relay picked up a grid disturbance caused by Baxter Wilson line tripping offline upon a breaker failure, and initiated closure of the main control valves. The root cause is being investigated. Full-power, steady operation was resumed on 09/23/00.

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)

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Exhibit 1 - Same Source