



Entergy

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October 15, 1996

Joseph J. Hagan
Vice President
Operations
Grand Gulf Nuclear Station

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-96/00113

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 1996.

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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October 15, 1996
GNRC-96/00113
Page 2 of 3

cc:

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U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

DOCKET NO	50-416
DATE	10/07/96
COMPLETED BY	S. D. Lin
TELEPHONE	(601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: September 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): 1228 MWE
7. Maximum Dependable Capacity (Net MWe): 1179 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>6,575</u>	<u>104,751</u>
12. Number of Hours Reactor was Critical	<u>720.0</u>	<u>6,523.2</u>	<u>86,714.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>6,501.9</u>	<u>83,680.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,723,838</u>	<u>24,665,826</u>	<u>298,899,358</u>
17. Gross Electrical Energy Generated (MWH)	<u>904,708</u>	<u>8,192,847</u>	<u>95,862,038</u>
18. Net Electrical Energy Generated (MWH)	<u>868,576</u>	<u>7,870,424</u>	<u>91,870,069</u>
19. Unit Service Factor	<u>100.0</u>	<u>98.9</u>	<u>81.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>98.9</u>	<u>81.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.3</u>	<u>101.9</u>	<u>80.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.5</u>	<u>95.8</u>	<u>73.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.1</u>	<u>6.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage # 8 beginning at 2400 hour on 10/19/96 for 32 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>

Attachment 2 to GNRO-96/00113

DOCKET NO	<u>50-416</u>
DATE	<u>10/07/96</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

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

1	<u>1219</u>
2	<u>1212</u>
3	<u>1211</u>
4	<u>1209</u>
5	<u>1208</u>
6	<u>1206</u>
7	<u>1207</u>
8	<u>1206</u>
9	<u>1208</u>
10	<u>1209</u>
11	<u>1209</u>
12	<u>1210</u>
13	<u>1217</u>
14	<u>1206</u>
15	<u>1207</u>
16	<u>1198</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1216</u>
18	<u>1219</u>
19	<u>1220</u>
20	<u>1220</u>
21	<u>1216</u>
22	<u>1217</u>
23	<u>1217</u>
24	<u>1212</u>
25	<u>1211</u>
26	<u>1205</u>
27	<u>1206</u>
28	<u>1225</u>
29	<u>1223</u>
30	<u>1042</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
 UNIT NAME GGNS Unit 1
 DATE 10/07/96
 COMPLETED BY S. D. Lin
 TELEPHONE (601)437-6793

REPORT MONTH September 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)
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 1 - Same Source
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