



Entergy
Operations

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May 14, 1993

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-93/00059

Gentlemen:

In accordance with the requirement of Technical Specification 6.9.1.10, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for April 1993.

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

Yours truly,

C. R. Hutchinson
Vice President - Operations GGNS

CRH/TMC/cg

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

cc: (See Next Page)

JE24 11

May 14, 1993
GNRO-93/00059
Page 2 of 3

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POCKET NO	<u>50-416</u>
DATE	<u>05/06/93</u>
COMPLETED BY	<u>L. F. Daughtery</u>
TELEPHONE	<u>(601) 437-2334</u>

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: April 1993
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): 1190 MWE
7. Maximum Dependable Capacity (Net MWe): 1143 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Resason:
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>74,775</u>
12. Number of Hours Reactor was Critical	<u>719.0</u>	<u>2,879.0</u>	<u>60,425.1</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>58,092.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,739,844</u>	<u>10,917,095</u>	<u>203,157,235</u>
17. Gross Electrical Energy Generated (MWH)	<u>888,015</u>	<u>3,563,052</u>	<u>64,644,884</u>
18. Net Electrical Energy Generated (MWH)	<u>854,116</u>	<u>3,427,431</u>	<u>61,895,355</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>80.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>80.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>103.9</u>	<u>104.2</u>	<u>77.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.0</u>	<u>95.2</u>	<u>70.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>5.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Begin Refueling Outage-6 on 10/08/93 for an estimated duration of 46 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> </u>	<u>08/18/82</u>
INITIAL ELECTRICITY	<u> </u>	<u>10/20/84</u>
COMMERCIAL OPERATION	<u> </u>	<u>07/01/85</u>

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MONTH April 1993

Day AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1203</u>
2	<u>1208</u>
3	<u>1199</u>
4	<u>1202</u>
5	<u>1205</u>
6	<u>1203</u>
7	<u>1133</u>
8	<u>1154</u>
9	<u>1203</u>
10	<u>1186</u>
11	<u>1190</u>
12	<u>1188</u>
13	<u>1185</u>
14	<u>1180</u>
15	<u>1201</u>
16	<u>1201</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1186</u>
18	<u>1192</u>
19	<u>1185</u>
20	<u>1150</u>
21	<u>1200</u>
22	<u>1202</u>
23	<u>1194</u>
24	<u>1174</u>
25	<u>1184</u>
26	<u>1192</u>
27	<u>1191</u>
28	<u>1188</u>
29	<u>1186</u>
30	<u>1174</u>
31	<u>N/A</u>
	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH April 1993

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
None									

1

F: Forced
 S: Scheduled

2

Reason:
 A-Equipment Failure
 (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restricting
 E-Operator Training &
 Licensing Examination
 F-Administrative
 G-Operational Error
 (Explain)
 H-Other (Explain)

CONCURRENCE REVIEW FORM

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