



ENTERGY

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January 14, 1994

C. R. Hutchinson

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-94/00003

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 December 1993.

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

Yours truly,

CRH/TMC

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

cc: (See Next Page)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
 UNIT NAME 1
 DATE 01/06/94
 COMPLETED BY L.F. Daughtery
 TELEPHONE 601-437-2334

REPORT MONTH DECEMBER 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 (C&CA)
93-011	12/01/93	F	63.2	A	2	NA	NA	NA	Reactor shutdown to fix the condenser air inleakage problem.
93-012	12/04/93	S	2.3	B	6	NA	NA	NA	Unit taken off line to perform turbine overspeed test.

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

DOCKET NO 50-416
 DATE 01/06/94
 COMPLETED BY L. F. Daughtery
 TELEPHONE (601) 437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: December 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 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>744</u>	<u>8,760</u>	<u>80,656</u>
12. Number of Hours Reactor was Critical	<u>713.3</u>	<u>7,140.4</u>	<u>64,686.6</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>662.9</u>	<u>6,846.1</u>	<u>62,059.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,300,649</u>	<u>25,577,431</u>	<u>217,817,571</u>
17. Gross Electrical Energy Generated (MWH)	<u>748,522</u>	<u>8,225,672</u>	<u>69,307,504</u>
18. Net Electrical Energy Generated (MWH)	<u>718,447</u>	<u>7,898,463</u>	<u>66,371,387</u>
19. Unit Service Factor	<u>89.1</u>	<u>78.2</u>	<u>79.2</u>
20. Unit Availability Factor	<u>89.1</u>	<u>78.2</u>	<u>79.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>84.5</u>	<u>78.9</u>	<u>76.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>77.3</u>	<u>72.2</u>	<u>69.3</u>
23. Unit Forced Outage Rate	<u>8.7</u>	<u>8.8</u>	<u>6.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
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 December 1993

Day	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1208
2	0	18	1201
3	0	19	1204
4	96	20	1202
5	341	21	1213
6	541	22	1213
7	648	23	1216
8	834	24	1223
9	1154	25	1204
10	994	26	1216
11	1134	27	1203
12	1207	28	1195
13	1196	29	1224
14	1204	30	1225
15	1208	31	1222
16	1209		N/A