



ENTERGY

Entergy Operations, Inc.

PO Box 756

Port Gibson, MS 39150

tel 601 437 6408

February 11, 1993

W. T. Cottle

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-93/00017

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 January 1993.

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

Yours truly,

W T Cottle

WTC/lmc/cg

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

cc: (See Next Page)

18.100

9302180159 930131
PDR ADOCK 05000416
R PDR

JEH 1/

February 11, 1993
GNRO-93/00017
Page 2 of 3

cc:

Mr. R. H. Bernhard (w/a)
Mr. D. C. Hintz (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. H. L. Thomas (w/o)

Mr. Stewart D. Ebnetter (w/a)
Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30323

Mr. P. W. O'Connor, Project Manager (w/2)
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop 13H3
Washington, D.C. 20555

DOCKET NO. 50-416
 DATE 02/03/93
 COMPLETED BY L. F. Daughtery
 TELEPHONE (601) 437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
 2. Reporting Period: January 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 Number 3 Through 7) Since Last Report. Give Reasons:
 N/A
-
9. Power Level To Which Restricted, If Any (Net NWe): 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>744.0</u> | <u>744.0</u> | <u>72,640</u> |
| 12. Number of Hours Reactor Was Critical | <u>744.0</u> | <u>744.0</u> | <u>58,290.1</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours Generator On-Line | <u>744.0</u> | <u>744.0</u> | <u>55,957.7</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>2,816,954</u> | <u>2,816,954</u> | <u>195,057,094</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>923,285</u> | <u>923,285</u> | <u>62,005,117</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>888,229</u> | <u>888,229</u> | <u>59,320,092</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>100.0</u> | <u>79.5</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>100.0</u> | <u>79.5</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>104.5</u> | <u>104.5</u> | <u>76.2</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>95.5</u> | <u>95.5</u> | <u>69.1</u> |
| 23. Unit Forced Outage Rate | <u>0</u> | <u>0</u> | <u>6.2</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>08/18/82</u>
INITIAL ELECTRICITY	_____	<u>10/20/84</u>
COMMERCIAL OPERATION	_____	<u>07/01/85</u>

Attachment 2 to GNRO-93/00017

DOCKET NO.	50-416
UNIT	1
DATE	02/03/93
COMPLETED BY	L. F. Daughtery
TELEPHONE	(601) 437-2334

MONTH January 1993DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1215
2	1207
3	1192
4	1188
5	1213
6	1213
7	1210
8	1210
9	1199
10	1209
11	1213
12	1207
13	1212
14	1013
15	1212
16	1210

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1209
18	1202
19	1211
20	1195
21	1206
22	1202
23	984
24	1186
25	1216
26	1216
27	1213
28	1210
29	1211
30	1214
31	1213
	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

Attachment 3 to GNRO-93/00017

DOCKET NO. 50-416
UNIT 1
DATE 02/03/93
COMPLETED BY L. F. DAUGHTERY
TELEPHONE (601) 437-2334

REPORT MONTH January 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)
93-001	01/14/93	S	16.9	B	5	N/A	N/A	N/A	Rx thermal power reduction to approximately 65% for repairing steam leaks.
93-002	01/23/93	S	20.3	B	5	N/A	N/A	N/A	Rx thermal power reduction to approximately 65% for control rod sequence exchange.

UNIT SHUTDOWNS AND POWER REDUCTIONS

1

F: Forced
S: Scheduled

2

Reason:
A-Equipment Failure
(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training &
License 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