



Entergy Operations, Inc.
Waterloo Road
P.O. Box 756
Port Gibson, MS 39150
Tel 601 437 6299

Charles A. Bottemiller
Manager
Plant Licensing

GNRO-2004/00049

August 12, 2004

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Subject: Monthly Operating Report
Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29

Dear Sir or Madam:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations, Inc. is providing the Monthly Operating Report (MOR) for Grand Gulf Nuclear Station Unit 1 for July 2004.

This letter does not contain any commitments.

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

Yours truly,

A handwritten signature in black ink, appearing to be "CAB".

CAB/AMT:amt
attachments:

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

cc:

G040049

GNRO-2004/00049

Page 2 of 2

cc: NRC Senior Resident Inspector
Grand Gulf Nuclear Station
Port Gibson, MS 39150

U.S. Nuclear Regulatory Commission
ATTN: Dr. Bruce S. Mallett (w/2)
Regional Administrator, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

U.S. Nuclear Regulatory Commission
ATTN: Mr. Nageswaran Kalyanam, NRR/DLPM (w/2)
ATTN: ADDRESSEE ONLY
ATTN: U.S. Postal Delivery Address Only
Mail Stop OWFN/7D-1
Washington, D.C. 20555-0001

Mr. D. E. Levanway (Wise Carter)
Mr. L. J. Smith (Wise Carter)
Mr. N. S. Reynolds
Mr. H. L. Thomas

DOCKET NO 50-416
 DATE 08/04/2004
 COMPLETED BY J. Charboneau
 TELEPHONE (601) 437-6797

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: July, 2004
3. Licensed Thermal Power (MWt): 3898 MWT
4. Nameplate Rating (Gross MWe): 1372.5 MWE
5. Design Electrical Rating (Net MWe): 1250 MWE
6. Maximum Dependable Capacity (Gross MWe): 1257 MWE
7. Maximum Dependable Capacity (Net MWe): 1207 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): None
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>5111</u>	<u>173,415</u>
12. Number of Hours Reactor was Critical	<u>744.0</u>	<u>4427.5</u>	<u>149,793.1</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>4374.0</u>	<u>145,990.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,898,539</u>	<u>16,845,949</u>	<u>534,487,665</u>
17. Gross Electrical Energy Generated (MWH)	<u>984,144</u>	<u>5,754,080</u>	<u>175,848,081</u>
18. Net Electrical Energy Generated (MWH)	<u>945,455</u>	<u>5,529,178</u>	<u>168,770,843</u>
19. Unit Service Factor	<u>100.0</u>	<u>85.6</u>	<u>85.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>85.6</u>	<u>85.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>105.3</u>	<u>89.6</u>	<u>85.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>101.7</u>	<u>86.6</u>	<u>79.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.7</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u></u>		

25. If Shut Down At End of Report Period. Estimated Date of Startup: N/A
26. Units in Test Status (Prior to Commercial Operation):

	<u>Forecast Achieved</u>
INITIAL CRITICALITY	<u>08/18/82</u>
INITIAL ELECTRICITY	<u>10/20/84</u>
COMMERCIAL OPERATION	<u>07/01/85</u>

* Items 11 through 18 are cumulative results since initial electricity

DOCKET NO	<u>50-416</u>
DATE	<u>08/04/2004</u>
COMPLETED BY	<u>J. Charboneau</u>
TELEPHONE	<u>(601) 437-6797</u>

MONTH: July 2004

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1278</u>	17	<u>1269</u>
2	<u>1275</u>	18	<u>1271</u>
3	<u>1271</u>	19	<u>1276</u>
4	<u>1269</u>	20	<u>1274</u>
5	<u>1270</u>	21	<u>1274</u>
6	<u>1271</u>	22	<u>1266</u>
7	<u>1270</u>	23	<u>1265</u>
8	<u>1273</u>	24	<u>1267</u>
9	<u>1275</u>	25	<u>1265</u>
10	<u>1271</u>	26	<u>1272</u>
11	<u>1272</u>	27	<u>1279</u>
12	<u>1268</u>	28	<u>1278</u>
13	<u>1269</u>	29	<u>1273</u>
14	<u>1267</u>	30	<u>1268</u>
15	<u>1264</u>	31	<u>1269</u>
16	<u>1263</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 2004

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)
1	07/10/2004	S	0.9	B	5	NA	NA	NA	

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 1 - Same Source