



**Entergy Operations, Inc.**  
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**Charles A. Bottemiller**  
Manager  
Plant Licensing

GNRO-2004/00021

March 11, 2004

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

Subject: Monthly Operating Report  
Grand Gulf Nuclear Station, Unit 1  
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 for Grand Gulf Nuclear Station Unit 1 for February 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/WBA: wba

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

G040021

cc: NRC Senior Resident Inspector (w/a)  
Grand Gulf Nuclear Station  
Port Gibson, MS 39150

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

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

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

DOCKET NO	<u>50-416</u>
DATE	<u>03/04/2004</u>
COMPLETED BY	<u>J. Charboneau</u>
TELEPHONE	<u>(601) 437-6797</u>

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: February 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>696</u>	<u>1440</u>	<u>169,744</u>
12. Number of Hours Reactor was Critical	<u>524.0</u>	<u>1268.0</u>	<u>146,634.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>524.0</u>	<u>1268.0</u>	<u>142,884.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,929,217</u>	<u>4,816,843</u>	<u>522,458,539</u>
17. Gross Electrical Energy Generated (MWH)	<u>632,730</u>	<u>1,651,843</u>	<u>171,745,844</u>
18. Net Electrical Energy Generated (MWH)	<u>630,422</u>	<u>1,587,029</u>	<u>164,828,694</u>
19. Unit Service Factor	<u>78.7</u>	<u>89.7</u>	<u>85.5</u>
20. Unit Availability Factor	<u>78.7</u>	<u>89.7</u>	<u>85.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>75.3</u>	<u>91.3</u>	<u>85.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>72.7</u>	<u>88.2</u>	<u>79.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>RF013, 02/23/04, 30 days</u>		
25. If Shut Down At End of Report Period. Estimated Date of Startup:	<u>N/A</u>		
26. Units in Test Status (Prior to Commercial Operation):			

Forecast Achieved

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>

\* Items 11 through 18 are cumulative results since initial electricity



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 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	02/22/2004 - 02/29/2004	S	172.0	C	1				

**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