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**Charles A. Bottemiller**  
Manager  
Plant Licensing

February 14, 2003

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Monthly Operating Report  
Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29

GNRO-2003/00007

Ladies and Gentlemen:

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 January 2003.

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", with a long horizontal flourish extending to the right.

CAB/AMT:amt  
attachments:

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

cc:

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cc:

Hoeg	T. L.	(GGNS Senior Resident)	(w/a)
Levanway	D. E.	(Wise Carter)	(w/a)
Reynolds	N. S.		(w/a)
Smith	L. J.	(Wise Carter)	(w/a)
Thomas	H. L.		(w/o)

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

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

DOCKET NO	<u>50-416</u>
DATE	<u>02/12/2003</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

**OPERATING STATUS**

1. Unit Name: GGNS UNIT 1
2. Reporting Period: January 2003
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>744</u>	<u>160,288</u>
12. Number of Hours Reactor was Critical	<u>717.6</u>	<u>717.6</u>	<u>137,442.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>706.9</u>	<u>706.9</u>	<u>133,748.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,753,007</u>	<u>2,753,007</u>	<u>487,224,192</u>
17. Gross Electrical Energy Generated (MWH)	<u>949,012</u>	<u>949,012</u>	<u>159,697,591</u>
18. Net Electrical Energy Generated (MWH)	<u>913,465</u>	<u>913,465</u>	<u>153,252,641</u>
19. Unit Service Factor	<u>95.0</u>	<u>95.0</u>	<u>84.8</u>
20. Unit Availability Factor	<u>95.0</u>	<u>95.0</u>	<u>84.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.7</u>	<u>101.7</u>	<u>84.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.2</u>	<u>98.2</u>	<u>78.6</u>
23. Unit Forced Outage Rate	<u>5.0</u>	<u>5.0</u>	<u>5.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</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

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TELEPHONE	<u>(601) 437-6793</u>

MONTH: January 2003

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1294</u>	17	<u>1302</u>
2	<u>1294</u>	18	<u>1291</u>
3	<u>1299</u>	19	<u>1237</u>
4	<u>1293</u>	20	<u>1281</u>
5	<u>1288</u>	21	<u>1277</u>
6	<u>1294</u>	22	<u>1298</u>
7	<u>1298</u>	23	<u>1304</u>
8	<u>1289</u>	24	<u>1305</u>
9	<u>1280</u>	25	<u>1302</u>
10	<u>1295</u>	26	<u>1297</u>
11	<u>1300</u>	27	<u>1298</u>
12	<u>1301</u>	28	<u>1285</u>
13	<u>1300</u>	29	<u>1279</u>
14	<u>1299</u>	30	<u>590</u>
15	<u>1296</u>	31	<u>0</u>
16	<u>1294</u>		

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH January 2003

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)
03-001	030130	F	37.1	B	2	LER-2003-001	SF	Condensate	Reactor manually scrammed at 1054 hour when apparently a failed wiring created a short-circuit while performing work on condensate demineralizer system, resulting in isolation of inlet and outlet isolation valves, which caused loss of Condensate Booster Pumps and Condensate Pumps, and subsequently the Reactor Feedpumps. A CR has been generated to determine the root cause and corrective actions.

- |   |  |   |  |  |
|---|--|---|--|--|
| <p><b>1</b></p> <p>F: Forced<br/>S: Scheduled</p> | <p><b>2</b></p> <p>Reason:<br/>A-Equipment Failure (Explain)<br/>B-Maintenance or Test<br/>C-Refueling<br/>D-Regulatory Restriction<br/>E-Operator Training &amp; Licensing Examination<br/>F-Administrative<br/>G-Operational Error (Explain)<br/>H-Other (Explain)</p> | <p><b>3</b></p> <p>Method:<br/>1-Manual<br/>2-Manual Scram<br/>3-Automatic Scram<br/>4-Continued<br/>5-Reduced load<br/>6-Other</p> | <p><b>4</b></p> <p>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p> | <p><b>5</b></p> <p>Exhibit 1 - Same Source</p> |
|---|--|---|--|--|