



Entergy Operations, Inc.

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June 13, 1997

Joseph J. Hagan

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-97/00053

Gentlemen:

In accordance with the requirement of Technical Specification 5.6.4, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for May 1997.

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

Yours truly,

Butt Saton for J. Hagan.

JJH/cwg

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

cc: (See Next Page)

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cc: Mr. D. C. Hintz (w/a)
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Mr. Jack Donohew, Project Manager
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U.S. Nuclear Regulatory Commission
Mail Stop 13H3
Washington, D.C. 20555

DOCKET NO 50-416
 DATE 06/06/97
 COMPLETED BY S. D. Lin
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: MAY 1997
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): 1250 MWE
7. Maximum Dependable Capacity (Net MWe): 1200 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>3,623</u>	<u>110,583</u>
12. Number of Hours Reactor was Critical	<u>744.0</u>	<u>3,623.0</u>	<u>91,602.0</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>3,623.0</u>	<u>88,499.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,809,958</u>	<u>13,811,278</u>	<u>316,930,314</u>
17. Gross Electrical Energy Generated (MWH)	<u>946,539</u>	<u>4,711,128</u>	<u>101,983,059</u>
18. Net Electrical Energy Generated (MWH)	<u>910,522</u>	<u>4,533,493</u>	<u>97,757,838</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>81.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>81.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.0</u>	<u>104.3</u>	<u>80.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.9</u>	<u>100.1</u>	<u>73.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>6.0</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):			

	<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>

Attachment 2 to GNRO-97/00053

DOCKET NO	<u>50-416</u>
DATE	<u>06/06/97</u>
COMPLETED BY	<u>S. D. Lin</u>
TELEPHONE	<u>(601) 437-6793</u>

MONTH May 1997DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1251</u>
2	<u>1237</u>
3	<u>1232</u>
4	<u>1261</u>
5	<u>1258</u>
6	<u>1249</u>
7	<u>1247</u>
8	<u>1242</u>
9	<u>1247</u>
10	<u>1254</u>
11	<u>1257</u>
12	<u>1135</u>
13	<u>1238</u>
14	<u>1244</u>
15	<u>1247</u>
16	<u>1248</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1093</u>
18	<u>1225</u>
19	<u>1236</u>
20	<u>1235</u>
21	<u>1246</u>
22	<u>1109</u>
23	<u>1241</u>
24	<u>1238</u>
25	<u>1235</u>
26	<u>1228</u>
27	<u>1227</u>
28	<u>1238</u>
29	<u>1059</u>
30	<u>1237</u>
31	<u>1245</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
 UNIT NAME GGNS Unit 1
 DATE 06/06/97
 COMPLETED BY S. D. Lin
 TELEPHONE (601)437-6793

REPORT MONTH May 1997

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)
None									

1 F: Forced S: Scheduled	2 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)	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
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NRC SUBMITTAL CERTIFICATION FORM (Miscellaneous)

Letter Number (List GNRO, GIN, GEXO, etc.)

GNRO-97/00053

C. W. Gunn

06/06/97

Document Originator

Date

II. Certification: Responsible Section/Organization Engineering Support

PAGE/PARAGRAPH NO.	SENTENCE NUMBER(S)	# BASIS	COMMENTS
Attachments 1, 2, & 3	ALL	Data and calculations based on GGNS Unit 1 switchboard Log (PDS), Pine Bluff EMS, Rx. Eng. Fuel Accounting Program and STA Log entries.	

BASIS: 1) Indicate when an action was or will be done (date) and how.

[Signature] 6/9/97
Responsible Section Individual Date

2) If statement of fact list supporting document(s) i.e., UFSAR, P&ID, Procedure, etc.

* *[Signature]* 6/9/97
Responsible Section Supervisor Date

3) May be a statement or conclusion which is only supported by engineering judgment which must be described under basis.

* Signature indicates certification of the accuracy of indicated portions of the document. Document may be certified with comments.

NOTE: Use separate sheet for each sections/organization