Entergy Operations

Entergy Operations, Inc.
P.O. Box 756
Port Gibson, MS 39150
Tel 601-437-6408

W. T. Cottle
Vice President
Operations
Grand Gulf Nuclear Station

August 15, 1990

U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attention: Document Control Desk

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
Monthly Operating Report
AECM-90/0150

In accordance with the requirements of Technical Specification 6.9.1.10, Entergy Operations, Inc. is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for July 1990 (attachment).

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

WTC:cwg
Attachment

cc: Mr. D. C. Hintz (w/a)
Mr. T. H. Cloninger (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. H. L. Thomas (w/o)
Mr. H. O. Christensen (w/a)

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

Mr. L. L. Kintner, Project Manager (w/a)
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop 11D21
Washington, D.C. 20555

IE24
1/1

MOOPJUL/SCMPFLR

9008170240 900731
PDR ADOCK 05000416
R PDC

Attachment 1

DOCKET NO.	50-416
DATE	08/10/90
COMPLETED BY	G. A. Zinke
TELEPHONE	(601)437-2459

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: July 1990
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): 1142 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 MWe):
10. Reasons For Restrictions, If Any:

Notes:

	This Month	Yr to Date	Cumulative
11. Hours In Reporting Period	744	5,087	50,649
12. Number of Hours Reactor Was Critical	594	4,937	39,992.7
13. Reactor Reserve Shutdown Hours	-0-	-0-	-0-
14. Hours Generator On-Line	589	4,932	38,179.8
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	2,156,023	18,079,757	129,645,335
17. Gross Electrical Energy Generated (MWH)	677,828	5,803,859	41,127,819
18. Net Electrical Energy Generated (MWH)	647,184	5,568,593	39,306,586
19. Unit Service Factor	79.2	97.0	78.8
20. Unit Availability Factor	79.2	97.0	78.8
21. Unit Capacity Factor (Using MDC Net)	76.2	95.9	74.4
22. Unit Capacity Factor (Using DER Net)	69.6	87.6	67.3
23. Unit Forced Outage Rate	20.8	3.1	5.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Begin Refueling Outage 4 on 10/1/90 for an estimated duration of 48 days.
25. If Shut Down At End Of Report Period. Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation).

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

MOOPJUL/SCMPFLR

DOCKET NO.	50-416
DATE	08/10/90
COMPLETED BY	G. A. Zinke
TELEPHONE	(601)437-2459

MONTH July 1990

DAY	AVERAGE DAILY POWER LEVEL (MW_e-Net)	DAY	AVERAGE DAILY POWER LEVEL (MW_e-Net)
1	1157.9	17	1161.0
2	1155.9	18	1159.7
3	1155.7	19	1154.2
4	1160.4	20	1066.7
5	1161.4	21	855.4
6	1157.4	22	1129.5
7	1151.5	23	1153.6
8	1155.2	24	664.8
9	1153.1	25	0
10	1151.2	26	0
11	1152.8	27	0
12	1157.5	28	0
13	1160.1	29	0
14	1159.1	30	0
15	1169.4	31	214.5
16	1162.7		

Attachment III

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-416
DATE	08/10/90
COMPLETED BY	G. A. Zinke
TELEPHONE	(601)437-2459

REPORT MONTH July 1990

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
90-005	7/24/90	F	155	A	3	90-011	JK	ZIC	The reactor automatically scrammed on high water level due to a 'B' reactor feedwater pump control failure. The Linear Variable Differential Transformer (LVDT) and associated controller circuit board was replaced. The pump retested satisfactorily, off-line and on-line.

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 I-Same Source

MOOPJUL/SCMPFLR