



ENTERGY

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Grand Gulf Nuclear Station

May 9, 1991

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-91/0082

Gentlemen:

In accordance with the requirement of Technical Specification 6.9.1.10, Entergy Operations is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for April 1991 (attachment).

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

Yours truly,

WTC/JTA/cg

attachments: 1. Operating Status  
2. Average Daily Power Level  
3. Unit Shutdowns and Power Reductions  
cc: (See next page)

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GNRO-91/00082  
Page 2 of 3

cc:

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DOCKET NO. 50-416  
DATE 05/09/91  
COMPLETED BY L. F. Daughtery  
TELEPHONE (601) 437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: April 1991
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): 1143 MWE
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

Notes:

N/A

9. Power Level To Which Restricted, In 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	719	2,879	57,201
12. Number of Hours Reactor Was Critical	700.5	2,860.5	44,827.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	684.5	2,844.5	42,858.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,407,002	10,589,040	146,497,111
17. Gross Electrical Energy Generated (MWH)	764,355	3,430,827	46,494,341
18. Net Electrical Energy Generated (MWH)	732,496	3,297,958	44,439,957
19. Unit Service Factor	95.2	98.8	77.9
20. Unit Availability Factor	95.2	98.8	77.9
21. Unit Capacity Factor (Using MDC Net)	89.1	100.2	72.4
22. Unit Capacity Factor (Using DER Net)	81.5	91.6	65.6
23. Unit Forced Outage Rate	4.8	1.2	5.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	None		

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

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

DOCKET NO. 50-416  
UNIT 1  
DATE 05/09/91  
COMPLETED BY L. F. Daughtery  
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MONTH April 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1196.2	17	1173.4
2	1192.0	18	1172.8
3	1184.4	19	1172.4
4	1181.8	20	1160.5
5	1127.4	21	1193.4
6	129.8	22	1190.2
7	63.0	23	1186.5
8	367.8	24	1183.8
9	789.2	25	1174.6
10	1089.4	26	1171.7
11	1038.2	27	609.7
12	1174.0	28	1020.3
13	1173.0	29	1111.9
14	1173.4	30	757.0
15	1183.3	31	
16	1179.4		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
UNIT NAME 1  
DATE 05/09/91  
COMPLETED BY L. F. Daughtery  
TELEPHONE 601-437-2334

REPORT MONTH April 1991

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)
91-001	4/5/91	S	8.5	B	5	N/A	N/A	N/A	Reactor thermal power reduction at approximately 70% for control rod sequence exchange
91-002	4/6/91	F	34.5	B	3	91-002-00	TG	12	Malfunction of turbine mechanical overspeed trip device during testing. Evaluate design of overspeed device and implement design change if appropriate. Until a final resolution has been implemented, the ATT device will not be used to perform the mechanical overspeed test.
91-003	4/27/91	S	41	H (See C&CA Section)	5	N/A	N/A	N/A	System dispatcher request
91-004	4/30/91	F	33	A (See C&CA Section)	5	N/A	CE	FI	Reactor water cleanup system flow instrumentation line and a flow element gasket were leaking. No preventive action required.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1991 (Continued)

DOCKET NO.	50-416
UNIT NAME	1
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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)

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Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continued  
5-Reduced load  
6-Other

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Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER)  
File (NUREG-0161)

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Exhibit 1-Same Source