



Entergy Operations

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Grand Gulf Nuclear Station

January 15, 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-91/00010

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 December 1990 (attachment).

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

Yours truly,

WTC/RSJ/cg

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

MOOPDEC/SCMPFLR

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January 15, 1991
GNRO-91/00010
Page 2 of 3

cc:

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DOCKET NO. 50-416
 DATE 01/10/91
 COMPLETED BY L. F. Daughtery
 TELEPHONE (601) 437-2334

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
 2. Reporting Period: December 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, In Any (Net MWe): N/A
 10. Reasons For Restrictions, If Any: N/A

	This Month	Yr to Date	Cumulative
11. Hours In Reporting Period	744	8760	54,322
12. Number of Hours Reactor Was Critical	436.3	6,911.3	41,966.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	362	6,765.9	40,013.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,262,756	24,342,493	135,908,071
17. Gross Electrical Energy Generated (MWH)	407,578	7,739,554	43,063,514
18. Net Electrical Energy Generated (MWH)	385,733	7,404,006	41,141,999
19. Unit Service Factor	48.7	77.2	76.6
20. Unit Availability Factor	48.7	77.2	76.6
21. Unit Capacity Factor (Using MDC Net)	45.4	74.0	72.1
22. Unit Capacity Factor (Using DER Net)	41.5	67.6	65.2
23. Unit Forced Outage Rate	51.3	9.0	6.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End of Report Period. Estimated Date of Startup: NA
 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

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MONTH	<u>December 1990</u>			
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	
1	1198	17	1045.7	
2	1184.7	18	957.6	
3	1196.2	19	0	
4	1216.0	20	0	
5	1215.5	21	0	
6	1211.5	22	0	
7	1180.7	23	0	
8	1213.7	24	0	
9	1210.0	25	0	
10	519.1	26	0	
11	0	27	0	
12	0	28	0	
13	12.3	29	0	
14	652.1	30	0	
15	1082.3	31	263.9	
16	899.5			

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
UNIT NAME 1
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REPORT MONTH December 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
90-012	12/10/90	F	81.50	A	3	90-028	LD	NA	Reactor scram due to failed instrument air system piping joint (defective workmanship).
90-013	12/18/90	F	300.50	A	3	90-029	SJ	LC	Lo-level reactor scram during plant-shutdown to investigate 'B' recirc pump vibrations. Scram was due to feedwater control circuitry.

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