Entergy

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Joseph E. Venable
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Grand Gulf Nuclear Station

September 14, 2001

U.S. Nuclear Regulatory Commission
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-2001/00069

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 August 2001.

This letter does not contain any commitments.

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

Yours truly,

JEV/SDL/AMT
attachments: 1. Operating Status
2. Average Daily Power Level
3. Unit Shutdown and Power Reductions
cc: (See Next Page)

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)

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

ATTN: ADDRESSEE ONLY
Mr. S. P. Sekerak, NRR/DLPM/PD IV-1 (w/2)
U.S. Nuclear Regulatory Commission
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DOCKET NO	50-416
DATE	09/11/2001
COMPLETED BY	S. D. Lin
TELEPHONE	(601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: August 2001
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): 1260 MWE
7. Maximum Dependable Capacity (Net MWe): 1210 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

		This Month	Yr to Date	Cumulative*
11.	Hours in Reporting Period	744	5,831	147,855
12.	Number of Hours Reactor was Critical	632.6	5,231.8	125,610.8
13.	Reactor Reserve Shutdown Hours	0	0	0
14.	Hours Generator On-Line	546.8	5,112.1	121,972.3
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	1,817,054	19,082,945	442,577,945
17.	Gross Electrical Energy Generated (MWH)	603,021	6,495,758	144,457,978
18.	Net Electrical Energy Generated (MWH)	577,634	6,245,909	138,601,639
19.	Unit Service Factor	73.5	87.7	83.9
20.	Unit Availability Factor	73.5	87.7	83.9
21.	Unit Capacity Factor (Using MDC Net)	64.2	88.5	83.2
22.	Unit Capacity Factor (Using DER Net)	62.1	85.7	77.2
23.	Unit Forced Outage Rate	14.9	1.8	5.4

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: 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

* Items 11 through 18 are cumulative results since initial electricity

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MONTH: August 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1240	17	1238
2	1240	18	1241
3	1243	19	1241
4	1239	20	1237
5	1240	21	1235
6	1242	22	1234
7	1047	23	127
8	0	24	0
9	80	25	0
10	219	26	0
11	976	27	160
12	1126	28	278
13	1239	29	47
14	1239	30	0
15	1240	31	185
16	1235		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 2001

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)
08-001	010807	F	41.5	H	3	Pending LER 2001-003-00	TA	JJ	Reactor automatic scram occurred at approximately 2017 upon fast CV closure when load reject relay picked up grid perturbation caused by Baxter Wilson plant tripping off grid because of lightning induced fire in switchyard. The startup was somewhat delayed because the End-Of-Cycle Recirculation Pump Trip did not function as required. Also, startup and subsequent operating data on Recirculation Pump "B" seal performance prompted a management decision to schedule a plant shutdown on 09/06/01 to replace RP "B" seal.
08-002	010823	S	101.8	B	2	N/A	N/A	N/A	Continued degradation in RP "B" seal performance caused increasing leakage flow and pump vibration, and prompted a conservative decision from Management to advance the schedule for shutdown to replace the seal. Reactor manually scrammed at approximately 0528. Synchronized back to grid on 08/27/01 at approximately 1117 after seal replacement.

UNIT SHUTDOWNS AND POWER REDUCTIONS (continued)

REPORT MONTH August 2001

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)
08-003	010829	F	54.0	A	2	N/A	N/A	N/A	Problems with "A" Recirculation FCV Rotary Variable Differential Transformer (RVDT) prevented power ascension after shifting to high speed during startup following the RP "B" seal outage. The reactor was manually scrammed to shut down for repairing "A" Recirc FCV RVDT.

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)

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Exhibit 1 - Same Source