

DOCKET NO. 50-416
DATE 09/15/88
COMPLETED BY J. G. Cesare
TELEPHONE (601) 984-9210

OPERATING STATUS

1. Unit Name: GGNS UNIT 1 | Notes: |
2. Reporting Period: August 1988 | |
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): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr to Date	Cumulative
11. Hours In Reporting Period	744.0	5,855.0	33,873.0
12. Number of Hours Reactor Was Critical	730.3	5,627.2	25,179.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	726.5	5,483.0	23,660.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	2,651,565	20,314,812	76,291,909
17. Gross Electrical Energy Generated (MWh)	851,980	6,652,300	23,823,130
18. Net Electrical Energy Generated (MWh)	816,888	6,391,334	22,692,090
19. Unit Service Factor	96.3	93.6	74.1
20. Unit Availability Factor	96.3	93.6	74.1
21. Unit Capacity Factor (Using MDC Net)	96.1	95.6	66.9
22. Unit Capacity Factor (Using DER Net)	87.8	87.3	60.1
23. Unit Forced Outage Rate	3.7	4.3	6.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
NA

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
26. Units In Tert 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 August 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1191</u>	17	<u>536</u>
2	<u>1188</u>	18	<u>988</u>
3	<u>1176</u>	19	<u>1134</u>
4	<u>1192</u>	20	<u>900</u>
5	<u>1185</u>	21	<u>1174</u>
6	<u>1177</u>	22	<u>1193</u>
7	<u>1191</u>	23	<u>1185</u>
8	<u>1193</u>	24	<u>1186</u>
9	<u>1188</u>	25	<u>1188</u>
10	<u>1194</u>	26	<u>1192</u>
11	<u>1188</u>	27	<u>1172</u>
12	<u>1186</u>	28	<u>1182</u>
13	<u>1179</u>	29	<u>1200</u>
14	<u>1188</u>	30	<u>1198</u>
15	<u>778</u>	31	<u>1201</u>
16	<u>13</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416
 UNIT NAME 1
 DATE 09/15/88
 COMPLETED BY J. G. Cesare
 TELEPHONE (601) 984-9210

REPORT MONTH August 1988

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
88-06	8/15/88	F	27.5	H	3	88-012	IG	MON	The reactor automatically scrammed due to an erroneous indication of high reactor power by the Average Power Range Monitoring (APRM) System. This indication was caused by lightning strikes. The system was analyzed and determined to be functioning properly. The (APRM) cabinets were visually inspected for possible grounding problems. Nuclear Plant Engineering will conduct an

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH August 1988

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
88-06 cont	8/15/88	F	27.5	H	3	88-012	IG	MON	engineering study to improve ground fault protection for plant instrumentation.
88-07	8/20/88	S	0.0	B	5	N/A	N/A	N/A	Weekly Control Rod Surveillances

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OLIVER D. KINGSLEY, JR.
Vice President
Nuclear Operations

September 14, 1988

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

Attention: Document Control Desk

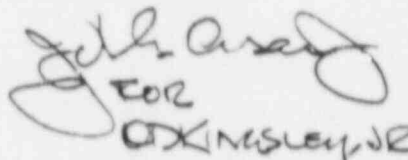
Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
Monthly Operating Report
AECM-88/0183

In accordance with the requirement of Technical Specification 6.9.1.10, System Energy Resources, Inc. (SERI) is providing the Monthly Operating Report for Grand Gulf Nuclear Station Unit 1 for August, 1988 (attachment).

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

Yours truly,


ODK
KINGSLEY, JR.

ODK:aly
Attachment

cc: Mr. T. H. Cloninger (w/a)
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