



**SYSTEM ENERGY
RESOURCES, INC.**

A Middle South Utilities Company

WILLIAM T. COTTE
Vice President
Nuclear Operations

August 14, 1989

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-89/0153

In accordance with the requirements 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 July 1989 (attachment).

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

William T. Cotte

WTC:cwg
Attachment

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GRAND GULF NUCLEAR STATION
PORT GIBSON, MISSISSIPPI 39150
A Middle South Utilities Company

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DOCKET NO.	50-416
DATE	08/11/89
COMPLETED BY	W. E. Edge
TELEPHONE	(601)437-6472

OPERATING STATUS

- | | |
|--|--------|
| 1. Unit Name: GGNS UNIT 1 | Notes: |
| 2. Reporting Period: July 1989 | |
| 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	5,087.0	41,889.0
12. Number of Hours Reactor Was Critical	727.3	3,580.5	31,630.7
13. Reactor Reserve Shutdown Hours	-0-	-0-	-0-
14. Hours Generator On-Line	715.7	3,434.9	29,864.5
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	2,632,282	12,350,820	98,807,235
17. Gross Electrical Energy Generated (MWH)	852,410	4,020,570	31,175,360
18. Net Electrical Energy Generated (MWH)	817,707	3,857,853	29,749,564
19. Unit Service Factor	96.2	67.5	74.9
20. Unit Availability Factor	96.2	67.5	74.9
21. Unit Capacity Factor (Using MDC Net)	96.2	66.4	69.2
22. Unit Capacity Factor (Using DER Net)	87.9	60.7	62.4
23. Unit Forced Outage Rate	3.7	.55	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

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MONTH July 1989

DAY	AVERAGE DAILY POWER LEVEL (MW _e -Net)	DAY	AVERAGE DAILY POWER LEVEL (MW _e -Net)
1	<u>1179</u>	17	<u>1192</u>
2	<u>1199</u>	18	<u>1188</u>
3	<u>1185</u>	19	<u>1198</u>
4	<u>1198</u>	20	<u>1085</u>
5	<u>1199</u>	21	<u>922</u>
6	<u>1191</u>	22	<u>827</u>
7	<u>1193</u>	23	<u>0</u>
8	<u>1184</u>	24	<u>691</u>
9	<u>1187</u>	25	<u>1148</u>
10	<u>1189</u>	26	<u>1171</u>
11	<u>1193</u>	27	<u>1168</u>
12	<u>1184</u>	28	<u>1202</u>
13	<u>1193</u>	29	<u>929</u>
14	<u>1171</u>	30	<u>1145</u>
15	<u>1190</u>	31	<u>1182</u>
16	<u>1187</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416

UNIT NAME 1

DATE 08/11/89

COMPLETED BY W. E. Edge

TELEPHONE 601-437-6472

REPORT MONTH July 1989

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
89-005	07/22/89	F	28.3	H	3	89-010	NA	NA	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 and the (APRM) cabinets were visually inspected for possible grounding problems.
89-006	07/29/89	S	0	B	5	NA	SJ	LC	Reduced load to trouble-shoot feed-water control problems; perform control rod surveillances & make rod pattern adjustments.

1 F: Forced 2

S: Scheduled

Reason: 3

- 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

Exhibit G - Instructions

for Preparation of Data Entry Sheets for Licensee Event Report (IER) File (NUREG-0161)

5 Exhibit 1-Same Source