

DOCKET NO. 50-416
DATE 11/03/87
COMPLETED BY S. H. Hobbs
TELEPHONE (601)969-2458

OPERATING STATUS

1. Unit Name: GONS UNIT 1
2. Reporting Period: October 1987
3. Licensed Thermal Power (Mwt): 3233 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

Notes:

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	745	7,296	26,554
12. Number of Hours Reactor Was Critical	745	7,056.9	19,405.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	745	6,954.7	18,032.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,815,509	24,907,225	55,518,335
17. Gross Electrical Energy Generated (MWH)	880,040	7,926,590	17,032,510
18. Net Electrical Energy Generated (MWH)	844,417	7,594,989	16,168,755
19. Unit Service Factor	100.0	95.3	73.2
20. Unit Availability Factor	100.0	95.3	73.2
21. Unit Capacity Factor (Using MDC Net)	99.3	92.1	62.8
22. Unit Capacity Factor (Using DER Net)	90.7	83.3	56.1
23. Unit Forced Outage Rate	0.0	2.2	6.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage; November 6, 1987; duration is currently estimated at 65 days.			

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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PDR ADDCK 05000416
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MONTH October 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1159</u>	17	<u>885</u>
2	<u>1151</u>	18	<u>1112</u>
3	<u>1169</u>	19	<u>1124</u>
4	<u>1131</u>	20	<u>1127</u>
5	<u>1162</u>	21	<u>1163</u>
6	<u>1157</u>	22	<u>1159</u>
7	<u>1160</u>	23	<u>1143</u>
8	<u>1169</u>	24	<u>1126</u>
9	<u>1152</u>	25	<u>1127</u>
10	<u>1147</u>	26	<u>1124</u>
11	<u>1127</u>	27	<u>1138</u>
12	<u>1164</u>	28	<u>1144</u>
13	<u>1159</u>	29	<u>1140</u>
14	<u>1148</u>	30	<u>1123</u>
15	<u>1139</u>	31	<u>1112</u>
16	<u>1096</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416

UNIT NAME I I

DATE 11/03/87

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REPORT MONTH October 1987

[illegible]

1
F: Forced
S: Scheduled

2

Reason:

- A-Equipment Failure (Explain)
- B-Maintenance or Test C-Refueling
- D-Regulatory Restrict
- 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 (IER)
File (NUREG-0161)

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Exhibit 1-Same Source

*In accordance with
NUREG 1022

MAIN STEAM SAFETY RELIEF VALVE CHALLENGES

DOCKET NO. 50-416
UNIT 1
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Date of Occurrence: October 4, 1987

Plant Operating Condition:

Rx Power (MWT) 3829 Rx Pressure 1029 psig Rx Mode 1

Rx Power (MWE) 1233 Rx Temperatures 532 °F

Number of main steam SRV's: 20

Number of SRV's affected by event: 2

Narrative:

During the performance of an unrelated surveillance procedure on the Rod Pattern Control System in panel 1H13-P629, a spurious seal-in of the SRV Lo-Lo set logic occurred for "A" and "E" channels. This caused SRV 1B21-F051B and 1B21-F051D to open 1 time each. The operator manually closed both SRV's by taking their respective handswitches to "OFF". There was no adverse consequences to reactor pressure or level due to the short time the valves were open. The problem is believed to be a continuing power supply ground loop problem that will be corrected during RF02 by implementing design changes to the power supplies.



OLIVER D. KINGSLEY, JR.
Vice President
Nuclear Operations

November 13, 1987

U. S. Nuclear Regulatory Commission
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-87/0216

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 October, 1987 (attachment).

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

Yours truly,

ODK:bms
Attachment

cc: Mr. T. H. Cloninger (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. H. L. Thomas (w/o)
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