

DOCKET NO. 50-416
 DATE 04/14/88
 COMPLETED BY S. H. Hobbs
 TELEPHONE (601)984-9211

OPERATING STATUS

1. Unit Name: GGNS UNIT 1 Notes: _____
 2. Reporting Period: March 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	2,184	30,202
12. Number of Hours Reactor Was Critical	727.3	1,969.9	21,522.0
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	714.8	1,839.5	20,017.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,635,918	6,618,385	62,595,482
17. Gross Electrical Energy Generated (MWH)	869,520	2,199,130	19,369,960
18. Net Electrical Energy Generated (MWH)	835,623	2,112,074	18,412,831
19. Unit Service Factor	96.1	84.2	70.3
20. Unit Availability Factor	96.1	84.2	70.3
21. Unit Capacity Factor (Using MDC Net)	98.3	84.7	61.4
22. Unit Capacity Factor (Using DER Net)	89.9	77.4	55.0
23. Unit Forced Outage Rate	3.9	10.7	7.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>N/A</u>		

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 March 1988

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u>1223</u>
2	<u>1219</u>
3	<u>1213</u>
4	<u>1237</u>
5	<u>1220</u>
6	<u>1236</u>
7	<u>1212</u>
8	<u>1172</u>
9	<u>1214</u>
10	<u>1228</u>
11	<u>1225</u>
12	<u>891</u>
13	<u>1185</u>
14	<u>1247</u>
15	<u>512</u>
16	<u>89</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u>840</u>
18	<u>1038</u>
19	<u>1178</u>
20	<u>1153</u>
21	<u>1211</u>
22	<u>1211</u>
23	<u>1216</u>
24	<u>1203</u>
25	<u>1202</u>
26	<u>1177</u>
27	<u>1221</u>
28	<u>1212</u>
29	<u>1194</u>
30	<u>1224</u>
31	<u>1213</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416

UNIT NAME 1

DATE 04/14/88

COMPLETED BY S. H. Hobbs

TELEPHONE 601-984-9211

REPORT MONTH March 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
88-3	3/12/88	S	0.0	H	5	NA	NA	NA	Control Rod Sequence Exchange
88-4	3/15/88	F	29.2	A	3	88-010	JC		The reactor scrammed on low water level during the monthly channel functional surveillance for the high/low reactor water level instrumentation. A loose connection in a Reactor Protection System (RPS) terminal box deenergized 29 group 3 scram pilot solenoids. When a planned half scram signal, required by the

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 I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

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88-4 Cont									surveillance procedure, was initiated, 29 of the group 3 control rods received a full scram signal and fully inserted. The resulting sudden void collapse caused a full scram on low water level. The connections in the terminal box were cleaned and retightened and similar connections were inspected.

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Exhibit G - Instructions
for Preparation of Data
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Event Report (LER)
File (NUREG-0161)

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Exhibit 1-Same Source



OLIVER D. KINGSLEY JR.
Vice President
Nuclear Operations

April 14, 1988

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-88/0076

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 March, 1988 (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)
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