

DOCKET NO. 50-416
 DATE 11/15/88
 COMPLETED BY G. H. Davant
 TELEPHONE (601) 984-9234

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: October 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 Reprt. 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 | 745 | 7,320.0 | 35,338.0 |
| 12. Number of Hours Reactor Was Critical | 726.8 | 7,034.1 | 26,586.2 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 0 |
| 14. Hours Generator On-Line | 714.1 | 6,788.1 | 24,265.6 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWH) | 2,615,367 | 24,949,722 | 80,926,819 |
| 17. Gross Electrical Energy Generated (MWH) | 859,430 | 8,163,600 | 25,334,430 |
| 18. Net Electrical Energy Generated (MWH) | 824,940 | 7,839,991 | 24,140,748 |
| 19. Unit Service Factor | 95.9 | 92.7 | 74.9 |
| 20. Unit Availability Factor | 95.9 | 92.7 | 74.9 |
| 21. Unit Capacity Factor (Using MDC Net) | 97.0 | 93.8 | 67.9 |
| 22. Unit Capacity Factor (Using DER Net) | 88.6 | 85.7 | 61.0 |
| 23. Unit Forced Outage Rate | 4.1 | 5.7 | 6.5 |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Begin refueling outage on 03/01/89 for an estimated duration of 47 days. | | | |

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
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 ADOCK 05000416
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MONTH October 1988

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-------------|
| 1 | <u>1196</u> |
| 2 | <u>1202</u> |
| 3 | <u>1213</u> |
| 4 | <u>1213</u> |
| 5 | <u>1225</u> |
| 6 | <u>1225</u> |
| 7 | <u>1216</u> |
| 8 | <u>1185</u> |
| 9 | <u>1191</u> |
| 10 | <u>545</u> |
| 11 | <u>30</u> |
| 12 | <u>716</u> |
| 13 | <u>1047</u> |
| 14 | <u>964</u> |
| 15 | <u>1194</u> |
| 16 | <u>1201</u> |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-------------|
| 17 | <u>1197</u> |
| 18 | <u>1191</u> |
| 19 | <u>1208</u> |
| 20 | <u>1214</u> |
| 21 | <u>1214</u> |
| 22 | <u>1190</u> |
| 23 | <u>1200</u> |
| 24 | <u>1212</u> |
| 25 | <u>1206</u> |
| 26 | <u>1195</u> |
| 27 | <u>1138</u> |
| 28 | <u>944</u> |
| 29 | <u>1205</u> |
| 30 | <u>1276</u> |
| 31 | <u>1219</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416

UNIT NAME 1

DATE 11/15/88

COMPLETED BY G. H. Davant

TELEPHONE (601) 984-9234

REPORT MONTH October 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 |
|--------|----------|-------------|-------------------|---------------|--|-------------------------------|-----------------------|--------------------------|---|
| 88-011 | 10/10/88 | F | 30.9 | H | 3 | 88-019 | BG | LIC | The reactor automatically scrambled on low water level when the HPCS pump was secured following an inadvertent initiation and injection into the reactor vessel. The HPCS pump was manually secured after an injection time of less than 15 seconds. The feedwater flow was manually reduced when reactor water level approached the high level scram setpoint; manual recovery was not sufficient. |

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 1-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DUCKET NO. 50-416

UNIT NAME 1

DATE 11/15/88

COMPLETED BY G. H. Davant

TELEPHONE (601) 984-9234

REPORT MONTH October 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 |
|-----------------|------|-------------|-------------------|---------------|--|-------------------------------|-----------------------|--------------------------|---|
| 88-011 Con't | | | | | | | | | to maintain water level above the low level scram setpoints when the HPCS injection was stopped. The inadvertent HPCS actuation was caused by radio interference in the area of the HPCS instrumentation. Radio use in this area had never previously been prohibited. The area has now been designated to preclude radio interference. |

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(Explain)
H-Other (Explain)

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Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER)
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UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH October 1988

| No. | Date | Type (1) | Duration Hours | Reason (2) | Method of Shutting Down Reactor (3) | Licenser Event Report # | System Code (4) | Component Code (5) | Cause & Corrective Action To Prevent Recurrence |
|--------|----------|-------------|-------------------|---------------|--|-------------------------------|-----------------------|--------------------------|--|
| 88-012 | 10/14/88 | S | 0.0 | B | 5 | NA | NA | NA | Power reduced to approximately 60% for control rod pattern adjustment and weekly control rod surveillances. |
| 88-013 | 10/28/88 | S | 0.0 | B | 5 | NA | NA | NA | Power was reduced to approximately 65% to reposition a control rod which was inadvertently scrambled due to a faulty test switch; weekly control rod surveillances were performed at this time also. |

1

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2

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 (Explain)
 B-Maintenance or Test
 C-Refueling
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 E-Operator Training &
 Licensing Examination
 F-Administrative
 G-Operational Error
 (Explain)
 H-Other (Explain)

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Method:
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4

Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
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 File (NUREG-0161)

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Exhibit 1-Same Source



JOHN G. CESARE, JR.
Director
Nuclear Licensing

November 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-88/0226

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, 1988 (attachment).

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

Yours truly,

JGC:rg
Attachment

cc: Mr. W. T. Cottle (w/a)
Mr. T. H. Cloninger (w/a)
Mr. R. B. McGehee (w/a)
Mr. H. S. Reynolds (w/a)
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