

DOCKET NO 50-416  
 DATE 09/01/94  
 COMPLETED BY S. D. Lin  
 TELEPHONE (601) 437-6793

OPERATING STATUS

1. Unit Name: GGNS UNIT 1
2. Reporting Period: August 1994
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): 1143 MWE
8. If changes occur in Capacity Ratings (Items 3 through 7) Since Last Report. Give Reason: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	<u>This Month</u>	<u>Yr to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	<u>744</u>	<u>5,831</u>	<u>86,487</u>
12. Number of Hours Reactor was Critical	<u>631.7</u>	<u>5,564.7</u>	<u>70,251.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>552.4</u>	<u>5,447.4</u>	<u>67,507.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,109,229</u>	<u>20,331,133</u>	<u>238,148,704</u>
17. Gross Electrical Energy Generated (MWH)	<u>670,929</u>	<u>6,558,543</u>	<u>75,866,047</u>
18. Net Electrical Energy Generated (MWH)	<u>643,579</u>	<u>6,297,836</u>	<u>72,669,223</u>
19. Unit Service Factor	<u>74.3</u>	<u>93.4</u>	<u>80.2</u>
20. Unit Availability Factor	<u>74.3</u>	<u>93.4</u>	<u>80.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>75.7</u>	<u>94.5</u>	<u>77.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>69.2</u>	<u>86.4</u>	<u>70.5</u>
23. Unit Forced Outage Rate	<u>25.8</u>	<u>6.6</u>	<u>6.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
25. If Shut Down At End of Report Period. Estimated Date of Startup: <u>09/02/94</u>			
26. Units in Test Status (Prior to Commercial Operation).			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	<u>          </u>	<u>08/18/82</u>
INITIAL ELECTRICITY	<u>          </u>	<u>10/20/84</u>
COMMERCIAL OPERATION	<u>          </u>	<u>07/01/85</u>

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MONTH August 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	<u>1175</u>
2	<u>1172</u>
3	<u>1155</u>
4	<u>1166</u>
5	<u>1140</u>
6	<u>1171</u>
7	<u>1170</u>
8	<u>1172</u>
9	<u>1167</u>
10	<u>1165</u>
11	<u>1166</u>
12	<u>1161</u>
13	<u>1153</u>
14	<u>1163</u>
15	<u>1166</u>
16	<u>1171</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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17	<u>1170</u>
18	<u>1168</u>
19	<u>1163</u>
20	<u>1154</u>
21	<u>1172</u>
22	<u>1171</u>
23	<u>1169</u>
24	<u>16</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-416  
 UNIT NAME GGNS Unit 1  
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REPORT MONTH August 1994

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 (C&CA)
94-007	940824	F	191.6	A	2	NA	NA	NA	Reactor manually shut down for high vibration of main generator bearing # 11 caused by cooling water leaking into rotor cavity through cracked welding.

1

2

3

4

5

F: Forced  
 S: Scheduled

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)

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 (LER) File (NUREG-0161)

Exhibit 1 - Same Source

# NRC SUBMITTAL CERTIFICATION FORM (Miscellaneous)

I. Letter Number (List GNRO, GIN, GEXO, etc.) GNRO-94/000<sup>117</sup> T. M. Carter 09/01/94  
 Document Originator Date

II. Certification: Responsible Section/Organization Engineering Support

PAGE/PARAGRAPH NO.	SENTENCE NUMBER(S)	# BASIS	COMMENTS
Attachments 1, 2, & 3	ALL	Data and calculations based on GGNS Unit 1 switchboard Log (PDS), Pine Bluff EMS, Rx. Eng. Fuel Accounting Program and STA Log entries.	

# BASIS: 1) Indicate when an action was or will be done (date) and how.

*[Signature]* 9/2/94  
 Responsible Section Individual Date

2) If statement of fact list supporting document(s) i.e., UFSAR, P&ID, Procedure, etc.

\* *[Signature]* 9/7/94  
 Responsible Section Supervisor Date

3) May be a statement or conclusion which is only supported by engineering judgment which must be described under basis.

\* Signature indicates certification of the accuracy of indicated portions of the document. Document may be certified with comments.

NOTE: Use separate sheet for each sections/organization.