

### OPERATING DATA REPORT

DOCKET NO. 50-244  
 DATE February 4, 1983  
 COMPLETED BY Ellen Angert  
 Ellen Angert  
 TELEPHONE 1 (315) 524-4446  
 Ext. 206

#### OPERATING STATUS

1. Unit Name: GINNA STATION, UNIT #1
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 1520
4. Nameplate Rating (Gross MWe): 490
5. Design Electrical Rating (Net MWe): 470
6. Maximum Dependable Capacity (Gross MWe): 490
7. Maximum Dependable Capacity (Net MWe): 470
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
 \_\_\_\_\_  
 \_\_\_\_\_
9. Power Level to Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Notes The reactor power level was maintained at 100% until 1/17 when a unit trip occurred. The subsequent power fluctuations and steps in return to full power are detailed on Page 4.

|   | This Month     | Yr.-to-Date    | Cumulative         |
|---|----------------|----------------|--------------------|
| 11. Hours In Reporting Period               | <u>744</u>     | <u>744</u>     | <u>115,560.00</u>  |
| 12. Number of Hours Reactor Was Critical    | <u>727.03</u>  | <u>727.03</u>  | <u>87,613.18</u>   |
| 13. Reactor Reserve Shutdown Hours          | <u>0</u>       | <u>0</u>       | <u>1,631.32 *</u>  |
| 14. Hours Generator On-Line                 | <u>724.25</u>  | <u>724.25</u>  | <u>85,704.38</u>   |
| 15. Unit Reserve Shutdown Hours             | <u>0</u>       | <u>0</u>       | <u>8.5 *</u>       |
| 16. Gross Thermal Energy Generated (MWH)    | <u>996,120</u> | <u>996,120</u> | <u>117,578,674</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>324,932</u> | <u>324,932</u> | <u>38,291,729</u>  |
| 18. Net Electrical Energy Generated (MWH)   | <u>308,021</u> | <u>308,021</u> | <u>36,294,083</u>  |
| 19. Unit Service Factor                     | <u>97.35%</u>  | <u>97.35%</u>  | <u>74.16%</u>      |
| 20. Unit Availability Factor                | <u>97.35%</u>  | <u>97.35%</u>  | <u>74.17%</u>      |
| 21. Unit Capacity Factor (Using MDC Net)    | <u>88.09%</u>  | <u>88.09%</u>  | <u>68.73%</u>      |
| 22. Unit Capacity Factor (Using DER Net)    | <u>88.09%</u>  | <u>88.09%</u>  | <u>68.73%</u>      |
| 23. Unit Forced Outage Rate                 | <u>2.7%</u>    | <u>2.7%</u>    | <u>8.47%</u>       |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):  
Mid March - 1983 - Refueling and Maintenance

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  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

\* Cumulative Total commencing January 1, 1975

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-244  
 UNIT #1, Ginna Station  
 DATE February 4, 1983  
 COMPLETED BY Ellen Angert  
 Ellen Angert  
 TELEPHONE 1 (315) 524-4446  
Ext. 206 at Ginna

MONTH January, 1983

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1. 476  
 2. 476  
 3. 475  
 4. 474  
 5. 475  
 6. 475  
 7. 475  
 8. 475  
 9. 475  
 10. 474  
 11. 475  
 12. 475  
 13. 475  
 14. 475  
 15. 475  
 16. 475

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17. 454  
 18. 124  
 19. 453  
 20. 242  
 21. 356  
 22. 472  
 23. 473  
 24. 407  
 25. 238  
 26. 242  
 27. 240  
 28. 379  
 29. 472  
 30. 472  
 31. 471

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

## UNIT SHUTDOWN AND POWER REDUCTIONS

REPORT MONTH January, 1983

DOCKET NO. 50-244  
 UNIT NAME #1, Ginna Station  
 DATE February 4, 1983  
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 TELEPHONE 1 (315) 524-4446  
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| 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   |
|-----|---------|--------|------------------|----------|-----------------------------------|-------------------------|---------------|------------------|---|
| 1   | 1/17/83 | F      | 19.75            | A        | 3                                 | 83-7                    | CH            | (Instru)         | Reactor trip followed by turbine trip, due to low (A) Steam Generator level, plus steam flow/feed flow mismatch.                    |
| 1 * | 1/24/83 | F      | 80.75            | A        | N/A                               | —                       | CH            | (Pump XX)        | "A" Main feedwater pump - Excessive vibrations - Replaced Impeller runner. Reactor power level at ~55% during the reduction period. |

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

3  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

4  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5  
 Exhibit I - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-244  
UNIT Ginna Station, Unit#1  
DATE February 4, 1983  
COMPLETED BY Ellen Angert  
Ellen Angert

TELEPHONE 1 (315) 524-4446  
EXT. 206

MONTH JANUARY, 1983

The reactor power level was maintained at 100% until 1/17/83.

On 1/17/83 @ 1124 a unit trip occurred due to "A" Steam Generator Lo Steam Generator level and feedwater flow - steam flow mismatch. Reactor startup began @ 0213 (1/18/83) and was brought critical @ 0246.

A reactor trip occurred @ 0353 due to Lo Lo Steam Generator level. The reactor was again started at 0502 (1/18/83) and again brought critical at 0528. Power increase began and Turbine Generator was on line at 0717 (1/18/83).

Escalation of unit power followed and the unit was at 25% by 1240 (1/18/83). Load decrease to 35 MWe @ 1430 (1/18/83) followed due to problems with Solenoids on feedwater regulator valves.

Load increase began again at 1603 (1/18/83) and the unit power was brought to 100% by 1202 (1/19/83).

On 1/20/83 @ 0511 load reduction began due to Lo-Lo Screenhouse water level. Load was reduced to ~ 26% by 1030 (1/20/83). Load increase began again at 1300 (1/20/83) and the unit was returned to full power by 1330 on 1/21/83.

On 1/24/83 @ 2152 the A main feed pump tripped out manually due to excessive vibrations after load decrease to < 50% power (1/24/83). Power level was maintained at ~ 55% during the reduction period, while the A main feed pump impeller runner was replaced. The unit was returned to full power by 1425 on 1/28/83. The unit remained at full power for the rest of the reporting period.

GINNA STATION

Maintenance Report Summary

January, 1983

During January, routine maintenance and inspections were completed. As a result of the plant trip on 1/17/83, repairs were completed on the Steam Generator Programmed Level Setpoint Module and an I/P cell for the "B" Steam Generator Main Feedwater Regulating Valve. Also completed after the trip was the replacement of faulty air solenoid valves on both Main Feedwater Regulating Valves. During the week of 1/24/83, a power reduction was made to complete a major inspection and repair on the "A" Main Feedwater Pump, which had experienced an increase in vibration.