

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282
UNIT Prairie Island No.1
DATE 810301
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388- 1121

MONTH February 1981

The unit was in Load Follow operation this month; no shutdowns.

PINCP 353, Rev. 1

8108100361

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282
UNIT Prairie Island No. 1
DATE 810301
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-1121

MONTH February 1981

FIG. 113, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>520</u>	17	<u>481</u>
2	<u>520</u>	18	<u>502</u>
3	<u>519</u>	19	<u>505</u>
4	<u>521</u>	20	<u>434</u>
5	<u>518</u>	21	<u>460</u>
6	<u>515</u>	22	<u>520</u>
7	<u>492</u>	23	<u>517</u>
8	<u>518</u>	24	<u>521</u>
9	<u>520</u>	25	<u>522</u>
10	<u>520</u>	26	<u>524</u>
11	<u>516</u>	27	<u>521</u>
12	<u>520</u>	28	<u>519</u>
13	<u>518</u>	29	<u> </u>
14	<u>517</u>	30	<u> </u>
15	<u>512</u>	31	<u> </u>
16	<u>514</u>		

Average loads above 503 MWe-Net are due to cooler condenser circulating water.

OPERATING DATA REPORT

DOCKET NO 50- 282
 DATE 810301
 COMPLETED BY A. A. Hunstad
 TELEPHONE 612-388-1121

OPERATING STATUS

Notes

IGP 119, Rev. 12

1. Unit Name: Prairie Island No. 1
2. Reporting Period: February 1981
3. Licensed Thermal Power (MWt): 1650
4. Nameplate Rating (Gross MWe): 593
5. Design Electrical Rating (Net MWe): 530
6. Maximum Dependable Capacity (Gross MWe): 534
7. Maximum Dependable Capacity (Net MWe): 503
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report:
 Give Reason: _____
9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons for Restrictions, If Any: _____

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>672</u>	<u>1416</u>	<u>63168</u>
12. Number Of Hours Reactor Was Critical	<u>672.0</u>	<u>1416.0</u>	<u>49583.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5538.1</u>
14. Hours Generator On Line	<u>672.0</u>	<u>1416.0</u>	<u>48406.6</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1089462</u>	<u>2298978</u>	<u>75019659</u>
17. Gross Electrical Energy Generated (MWH)	<u>363620</u>	<u>767830</u>	<u>24249340</u>
18. Net Electrical Energy Generated (MWH)	<u>342834</u>	<u>723648</u>	<u>22669255</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>76.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>76.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.4</u>	<u>101.6</u>	<u>71.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.3</u>	<u>96.4</u>	<u>67.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>11.9</u>

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling, September 1981, 6 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-282
 UNIT NAME Prairie Island No. 1
 DATE 810301
 COMPLETED BY A. A. Hunsstad
 TELEPHONE 612-388-1121

REPORT MONTH February 1981

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 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 Trip
 3-Automatic Trip
 4-Other (Explain)

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

5 Exhibit 1 - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 810301

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

MONTH February 1987

The unit was in coastdown operation this month. The cycle 5-6 refueling outage began at 1918 on 2-21.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306
UNIT Prairie Island No. 2
DATE 810301
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-1121

MONTH February 1981

PIPGF 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>509</u>	17	<u>468</u>
2	<u>509</u>	18	<u>458</u>
3	<u>509</u>	19	<u>462</u>
4	<u>513</u>	20	<u>450</u>
5	<u>507</u>	21	<u>337</u>
6	<u>504</u>	22	<u>-15</u>
7	<u>509</u>	23	<u>-4</u>
8	<u>506</u>	24	<u>-4</u>
9	<u>509</u>	25	<u>-3</u>
10	<u>507</u>	26	<u>-3</u>
11	<u>503</u>	27	<u>-3</u>
12	<u>508</u>	28	<u>-3</u>
13	<u>503</u>	29	<u>_____</u>
14	<u>501</u>	30	<u>_____</u>
15	<u>481</u>	31	<u>_____</u>
16	<u>475</u>		

Average loads above 500 MWe-Net are due to cooler condenser circulating water.

OPERATING DATA REPORT

DOCKET NO 50-306
 DATE 810301
 COMPLETED BY A.A.Hunstad
 TELEPHONE 612-388-1121

OPERATING STATUS

Notes

MGP 119, Rev. 12

1. Unit Name: Prairie Island No. 2
2. Reporting Period: February 1981
3. Licensed Thermal Power (MWt): 1650
4. Nameplate Rating (Gross MWe): 593
5. Design Electrical Rating (Net MWe): 530
6. Maximum Dependable Capacity (Gross MWe): 531
7. Maximum Dependable Capacity (Net MWe): 500
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report:
 Give Reason: _____
9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons for Restrictions, If Any: _____

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>672</u>	<u>1416</u>	<u>34286</u>
12. Number Of Hours Reactor Was Critical	<u>499.3</u>	<u>1243.3</u>	<u>47625.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1508.0</u>
14. Hours Generator On Line	<u>499.3</u>	<u>1243.3</u>	<u>46814.2</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>803987</u>	<u>2020274</u>	<u>73119264</u>
17. Gross Electrical Energy Generated (MWH)	<u>260980</u>	<u>662310</u>	<u>23421250</u>
18. Net Electrical Energy Generated (MWH)	<u>244604</u>	<u>622499</u>	<u>21930402</u>
19. Unit Service Factor	<u>74.3</u>	<u>87.8</u>	<u>86.2</u>
20. Unit Availability Factor	<u>74.3</u>	<u>87.8</u>	<u>86.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>72.8</u>	<u>87.9</u>	<u>80.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>68.7</u>	<u>82.9</u>	<u>76.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.1</u>

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): _____
25. If Shut Down at End Of Report Period, Estimated Date of Startup: 810404

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-306
 UNIT NAME Prairie Island No. 2
 DATE 810301
 COMPLETED BY A. A. Hunstad
 TELEPHONE 612-388-1121

REPORT MONTH February 1981

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
810221	S	172.7	C		N/A	N/A	N/A	Refuelling

- 1 F: Forced
 S: Scheduled
- 2 Reason
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refuelling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)
- 3 Method:
 1-Manual
 2-Manual Trip
 3-Automatic Trip
 4-Other (Explain)
- 4 Exhibit C-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (IER) File (NUREG-0161)
- 5 Exhibit 1 - Same Source