

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282
UNIT Prairie Island No. 1
DATE 810102
COMPLETED BY A.A. Hunstad
TELEPHONE 612-388- 1121

MONTH December, 1980

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

PINGP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 810102

COMPLETED BY A.A. Hunstad

TELEPHONE 612-388-1121

MONTH December, 1980

PINGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LO.D MWe-Net</u>
1	<u>462</u>	17	<u>516</u>
2	<u>521</u>	18	<u>517</u>
3	<u>522</u>	19	<u>516</u>
4	<u>522</u>	20	<u>518</u>
5	<u>518</u>	21	<u>520</u>
6	<u>520</u>	22	<u>516</u>
7	<u>520</u>	23	<u>517</u>
8	<u>522</u>	24	<u>518</u>
9	<u>520</u>	25	<u>516</u>
10	<u>519</u>	26	<u>494</u>
11	<u>523</u>	27	<u>514</u>
12	<u>521</u>	28	<u>515</u>
13	<u>521</u>	29	<u>516</u>
14	<u>494</u>	30	<u>513</u>
15	<u>521</u>	31	<u>516</u>
16	<u>493</u>		

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

OPERATING DATA REPORT

DOCKET NO 50- 282

DATE 810102

COMPLETED BY A.A. Hunstad

TELEPHONE 612-388-1121

OPERATING STATUS

Notes

1. Unit Name: Prairie Island No. 1
2. Reporting Period: December, 1980
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: _____

IGP 119, Rev. 12

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8784</u>	<u>61752</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>6958.7</u>	<u>48167.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>6.2</u>	<u>5538.1</u>
14. Hours Generator On Line	<u>744.0</u>	<u>6867.1</u>	<u>46990.6</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>1212882</u>	<u>10641687</u>	<u>72720681</u>
17. Gross Electrical Energy Generated (MWH)	<u>405960</u>	<u>3327840</u>	<u>23481510</u>
18. Net Electrical Energy Generated (MWH)	<u>382554</u>	<u>3106355</u>	<u>21945607</u>
19. Unit Service Factor	<u>100.0</u>	<u>78.2</u>	<u>76.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>78.2</u>	<u>76.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.2</u>	<u>70.3</u>	<u>70.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0</u>	<u>66.7</u>	<u>67.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.6</u>	<u>12.2</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

REPORT MONTH December 1980

DOCKET NO. 50- 282

UNIT NAME Prairie Island No. 1

DATE 810102

COMPLETED BY A.A. Hunstad
 TELEPHONE 612-388-1121

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-In-structions 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 810102
COMPLETED BY A.A. Hunstad
TELEPHONE 612-388- 1121

MONTH December, 1980

PINGP 353, Rev. 1

The unit was in Load Follow operation this month. On 12-21, load was reduced to 44% for several hours for condenser cleaning and the monthly turbine valves test.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 810102

COMPLETED BY A.A. Hunstad

TELEPHONE 612-388-1121

MONTH December, 1980

PINGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>513</u>	17	<u>501</u>
2	<u>511</u>	18	<u>506</u>
3	<u>512</u>	19	<u>501</u>
4	<u>509</u>	20	<u>503</u>
5	<u>500</u>	21	<u>309</u>
6	<u>508</u>	22	<u>507</u>
7	<u>510</u>	23	<u>508</u>
8	<u>514</u>	24	<u>511</u>
9	<u>514</u>	25	<u>507</u>
10	<u>511</u>	26	<u>509</u>
11	<u>516</u>	27	<u>506</u>
12	<u>510</u>	28	<u>506</u>
13	<u>511</u>	29	<u>508</u>
14	<u>512</u>	30	<u>505</u>
15	<u>510</u>	31	<u>509</u>
16	<u>504</u>		

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

OPERATING DATA REPORT

DOCKET NO 50- 306
 DATE 810102
 COMPLETED BY A.A. Hunstad
 TELEPHONE 612-388-1121

OPERATING STATUS

Notes

1. Unit Name: Prairie Island No. 2
2. Reporting Period: December, 1980
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: _____

AGP 119, Rev. 12

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8784</u>	<u>52870</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>7253.0</u>	<u>46381.8</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>102.0</u>	<u>1508.0</u>
14. Hours Generator On Line	<u>744.0</u>	<u>7169.9</u>	<u>45570.9</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>1207125</u>	<u>11426487</u>	<u>71098990</u>
17. Gross Electrical Energy Generated (MWH)	<u>396770</u>	<u>3704810</u>	<u>22758940</u>
18. Net Electrical Energy Generated (MWH)	<u>373448</u>	<u>3469171</u>	<u>21307903</u>
19. Unit Service Factor	<u>100.0</u>	<u>81.6</u>	<u>86.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>81.6</u>	<u>86.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.4</u>	<u>79.0</u>	<u>80.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.7</u>	<u>74.5</u>	<u>76.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>4.2</u>

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1980

DOCKET NO. 50- 306
 UNIT NAME Prairie Island No. 2
 DATE 810102
 COMPLETED BY A.A. Hunstad
 TELEPHONE 612-388-1121

PINGP 120, Rev. 5

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
80i221	S	0.0	B	N/A	N/A	N/A	N/A	Load was reduced to 44% for several hours for condenser cleaning and the monthly turbine valves test.

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 I - Same Source