

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT Frederic Island No. 1

DATE 790301

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH February, 1979

Operation this month was routine.

PINGP 353 Rev 0

7903140319

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 790301

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH February, 1979

PINGP 118, Rev. 5

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>513</u>	17	<u>514</u>
2	<u>514</u>	18	<u>514</u>
3	<u>511</u>	19	<u>515</u>
4	<u>515</u>	20	<u>514</u>
5	<u>513</u>	21	<u>516</u>
6	<u>514</u>	22	<u>513</u>
7	<u>514</u>	23	<u>512</u>
8	<u>514</u>	24	<u>453</u>
9	<u>513</u>	25	<u>513</u>
10	<u>515</u>	26	<u>514</u>
11	<u>513</u>	27	<u>515</u>
12	<u>515</u>	28	<u>518</u>
13	<u>514</u>	29	<u>-</u>
14	<u>515</u>	30	<u>-</u>
15	<u>514</u>	31	<u>-</u>
16	<u>515</u>		

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

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-282
DATE 790301
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-2761

Notes

1. Unit Name: Prairie Island No. 1
2. Reporting Period: February, 1979
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>45624</u>
12. Number Of Hours Reactor Was Critical	<u>672.0</u>	<u>1416.0</u>	<u>36105.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>4455.1</u>
14. Hours Generator On Line	<u>672.0</u>	<u>1416.0</u>	<u>35133.2</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>1098392</u>	<u>2307205</u>	<u>54587787</u>
17. Gross Electrical Energy Generated (MWH)	<u>364980</u>	<u>766090</u>	<u>17796980</u>
18. Net Electrical Energy Generated (MWH)	<u>344105</u>	<u>722000</u>	<u>16650432</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>77.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>77.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.8</u>	<u>101.4</u>	<u>72.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>96.2</u>	<u>68.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>12.1</u>

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling, April 3, 1979, 4 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____

UNIT SHUTDOWNS AND AIR REDUCTIONS

DOCKET NO. 50-282
 UNIT NAME Prairie Island No. 1
 DATE 790301
 COMPLETED BY A. A. Hunstad
 TELEPHONE 512-233-4757

REPORT MONTH February, 1979

Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licenses 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 Licenses Event Report (WER) File (NUREG-0151)
- 5 Exhibit 1 - 1979

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

POCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 790301

COMPLETED BY A. A. Hunstad

TELEPHONE 612-288-4767

MONTH February, 1979

The unit tripped at 0906 on February 28 due to an error made during a safeguards logic surveillance test. The unit was returned to service at 1512.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-506

UNIT Prairie Island No. 2

DATE 790301

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH February, 1979

PINCP 118, Rev. 5

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>519</u>	17	<u>516</u>
2	<u>518</u>	18	<u>517</u>
3	<u>520</u>	19	<u>519</u>
4	<u>519</u>	20	<u>516</u>
5	<u>518</u>	21	<u>518</u>
6	<u>518</u>	22	<u>515</u>
7	<u>518</u>	23	<u>511</u>
8	<u>520</u>	24	<u>517</u>
9	<u>519</u>	25	<u>516</u>
10	<u>521</u>	26	<u>514</u>
11	<u>487</u>	27	<u>513</u>
12	<u>521</u>	28	<u>333</u>
13	<u>519</u>	29	<u>-</u>
14	<u>518</u>	30	<u>-</u>
15	<u>517</u>	31	<u>-</u>
16	<u>518</u>		

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

OPERATING DATA REPORT

DOCKET NO 50-306
DATE 790301
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-4767

OPERATING STATUS

1. Unit Name: Prairie Island No. 2
2. Reporting Period: February, 1979
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: _____

Notes

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>672</u>	<u>1416</u>	<u>36742</u>
12. Number Of Hours Reactor Was Critical	<u>669.6</u>	<u>1413.6</u>	<u>31857.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1378.7</u>
14. Hours Generator On Line	<u>665.9</u>	<u>1409.9</u>	<u>31145.5</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>1090763</u>	<u>2311156</u>	<u>48330531</u>
17. Gross Electrical Energy Generated (MWH)	<u>363470</u>	<u>772330</u>	<u>15360070</u>
18. Net Electrical Energy Generated (MWH)	<u>342554</u>	<u>728289</u>	<u>14373877</u>
19. Unit Service Factor	<u>99.1</u>	<u>99.6</u>	<u>84.8</u>
20. Unit Availability Factor	<u>99.1</u>	<u>99.6</u>	<u>84.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.0</u>	<u>102.9</u>	<u>78.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.2</u>	<u>97.0</u>	<u>73.8</u>
23. Unit Forced Outage Rate	<u>0.9</u>	<u>0.4</u>	<u>5.8</u>

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling, December, 1979, 5 weeks

25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____

UNIT SHUTDOWNS AND PER REDUCTIONS

REPORT MONTH February, 1979

DOCKET NO. 50-306

UNIT NAME Prairie Island No. 2

DATE 790301

COMPLETED BY A. A. HunstadTELEPHONE 612-333-4767

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
790228	F	6.1	G	3	N/A	N/A	N/A	Reactor trip caused by procedural error during surveillance 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 (IER) File (NUREG-0151)

⁵ Exhibit I - Licensee Event Report (IER) File