

8005120 401

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 800501

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

PINCP 353 Rev 0

MONTH April 1980

The unit was in Load Follow operation this month.

POOR ORIGINAL

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 800501

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH April 1980

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>479</u>	17	<u>473</u>
2	<u>478</u>	18	<u>472</u>
3	<u>479</u>	19	<u>471</u>
4	<u>475</u>	20	<u>471</u>
5	<u>479</u>	21	<u>471</u>
6	<u>476</u>	22	<u>475</u>
7	<u>477</u>	23	<u>471</u>
8	<u>455</u>	24	<u>470</u>
9	<u>483</u>	25	<u>469</u>
10	<u>482</u>	26	<u>468</u>
11	<u>480</u>	27	<u>418</u>
12	<u>485</u>	28	<u>470</u>
13	<u>488</u>	29	<u>470</u>
14	<u>479</u>	30	<u>468</u>
15	<u>477</u>	31	<u>---</u>
16	<u>479</u>		

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

DOCKET NO 50-282

DATE 800501

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

OPERATING STATUS

- 1. Unit Name: Prairie Island No. 1
- 2. Reporting Period: April 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: \_\_\_\_\_

Notes

GP 119, Rev. 11

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	719	2903	55871
12. Number Of Hours Reactor Was Critical	719.0	2271.9	43980.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	5531.9
14. Hours Generator On Line	719.0	2766.8	42890.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1175683	4504122	66583116
17. Gross Electrical Energy Generated (MWH)	362190	1410680	21564350
18. Net Electrical Energy Generated (MWH)	340094	1323602	20162854
19. Unit Service Factor	100.0	95.3	76.8
20. Unit Availability Factor	100.0	95.3	76.8
21. Unit Capacity Factor (Using MDC Net)	94.0	90.6	71.7
22. Unit Capacity Factor (Using DER Net)	89.2	86.0	68.1
23. Unit Forced Outage Rate	0.0	0.0	12.9

- 24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):  
Refueling, August 4, 1980, 8 weeks
- 25. If Shut Down at End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

Journal No. 50-282

REPORT MONTH April 1980

WIP ...

800501

Author A. A. Hunstad

Date	Type	Duration (hours)	Reason	Method of Shutting Down	Licensee Event Report	Code	Component Code

Used to ...  
Action to ...  
Prevent ...

- 1 F: Forced  
S: Scheduled
- 2 Reason  
A-Equipment Failure(Explain)  
B-Maintenance or Test  
C-Substance  
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-Vibrating Trip  
4-Other (Explain)
- 4 Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee event Report (153) File #80050153
- 5 Exhibit I - ...

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

POCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 800501

COMPILED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH April 1980

The unit was in Load Follow operation this month. At 2255 on April 11 a shutdown was taken to make repairs to the turbine oil system and to perform other minor maintenance. The unit was returned to service at 2255 on April 13.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 800501

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH April 1980

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>504</u>	17	<u>499</u>
2	<u>501</u>	18	<u>498</u>
3	<u>502</u>	19	<u>496</u>
4	<u>498</u>	20	<u>498</u>
5	<u>506</u>	21	<u>496</u>
6	<u>469</u>	22	<u>498</u>
7	<u>445</u>	23	<u>496</u>
8	<u>508</u>	24	<u>497</u>
9	<u>510</u>	25	<u>495</u>
10	<u>511</u>	26	<u>493</u>
11	<u>458</u>	27	<u>495</u>
12	<u>-17</u>	28	<u>496</u>
13	<u>-17</u>	29	<u>495</u>
14	<u>436</u>	30	<u>461</u>
15	<u>505</u>	31	<u>---</u>
16	<u>506</u>		

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

DOCKET NO 50-306

DATE 800501

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

OPERATING STATUS

- 1. Unit Name: Prairie Island No. 2
- 2. Reporting Period: April 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: \_\_\_\_\_

Notes

GP 119, Rev. 11

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	719	2903	46989
12. Number Of Hours Reactor Was Critical	676.6	1731.9	40860.9
13. Reactor Reserve Shutdown Hours	42.4	42.4	1448.4
14. Hours Generator On Line	671.0	1684.5	40085.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1089161	2639898	62312401
17. Gross Electrical Energy Generated (MWH)	350520	860920	19915050
18. Net Electrical Energy Generated (MWH)	329176	802396	18641028
19. Unit Service Factor	93.3	58.0	85.3
20. Unit Availability Factor	93.3	58.0	85.3
21. Unit Capacity Factor (Using MDC Net)	91.6	55.3	79.3
22. Unit Capacity Factor (Using DER Net)	86.4	52.2	74.9
23. Unit Forced Outage Rate	0.0	0.6	4.7
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling, February 1981, 6 weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____			

POOR ORIGINAL

UNIT INTERRUPTS AND POWER REDUCTIONS

REPORT MONTH April 1980

DOCKET NO. 50-306

UNIT FILE Principals and Ex. 2

UNIT 800501

COMPAILED BY A. A. Hunstad

TELEPHONE 513-433-4117

Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report <sup>4</sup>	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
800411	S	48.0	B	1	N/A	N/A	N/A	Shutdown to make repairs to turbine oil system and other maintenance.

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
1-Manual  
2-Manual Trip  
3-Automatic Trip  
4-Other (Explain)

<sup>4</sup> Exhibit C-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) Form (UREC-0191)

<sup>5</sup> Exhibit D - 47

PIWCP 120, Rev. 4

POOR ORIGINAL