

To: JOAN FLYNN
(57) (52)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT Prairie Island No.1
DATE 810202
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-1121

MONTH January 1981

The unit was base loaded this month. On January 13, the unit was taken to about 10% power to repair a main feedwater regulating valve.

PINCP 353, Rev. 1

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S
o/i

8204190369 810202
PDR ADOCK 05000282
R PDR

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 282

UNIT Prairie Island No. 1

DATE 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

MONTH January 1981

PINGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>519</u>	17	<u>515</u>
2	<u>517</u>	18	<u>518</u>
3	<u>518</u>	19	<u>518</u>
4	<u>518</u>	20	<u>519</u>
5	<u>511</u>	21	<u>519</u>
6	<u>517</u>	22	<u>519</u>
7	<u>518</u>	23	<u>518</u>
8	<u>518</u>	24	<u>519</u>
9	<u>517</u>	25	<u>518</u>
10	<u>520</u>	26	<u>518</u>
11	<u>493</u>	27	<u>520</u>
12	<u>511</u>	28	<u>519</u>
13	<u>377</u>	29	<u>520</u>
14	<u>507</u>	30	<u>520</u>
15	<u>515</u>	31	<u>519</u>
16	<u>517</u>		

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

OPERATING STATUS

DOCKET NO 50-282
 DATE 810202
 COMPLETED BY A. A. Hunstad
 TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 1
2. Reporting Period: January 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: _____

Notes

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>744</u>	<u>62496</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>48911.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5538.1</u>
14. Hours Generator On Line	<u>744.0</u>	<u>744.0</u>	<u>47734.6</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>1209516</u>	<u>1209516</u>	<u>73930197</u>
17. Gross Electrical Energy Generated (MWH)	<u>404210</u>	<u>404210</u>	<u>23885720</u>
18. Net Electrical Energy Generated (MWH)	<u>380814</u>	<u>380814</u>	<u>22326421</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>76.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>76.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.8</u>	<u>101.8</u>	<u>71.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>96.6</u>	<u>67.4</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): <u>Refueling, September 1981, 6 weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____			

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1981

DOCKET NO. 50-282

UNIT NAME Prairie Island No. 1

DATE 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
810113	F	0.0	B	N/A	N/A	N/A	N/A	Reduced power to about 10% to repair a main feedwater regu- lating valve.

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 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388- 1121

MONTH January 1981

The unit was base loaded this month.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

MONTH January 1981

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>512</u>	17	<u>485</u>
2	<u>510</u>	18	<u>467</u>
3	<u>511</u>	19	<u>511</u>
4	<u>510</u>	20	<u>511</u>
5	<u>503</u>	21	<u>509</u>
6	<u>511</u>	22	<u>509</u>
7	<u>514</u>	23	<u>508</u>
8	<u>512</u>	24	<u>508</u>
9	<u>509</u>	25	<u>505</u>
10	<u>513</u>	26	<u>509</u>
11	<u>511</u>	27	<u>512</u>
12	<u>507</u>	28	<u>509</u>
13	<u>515</u>	29	<u>510</u>
14	<u>512</u>	30	<u>511</u>
15	<u>511</u>	31	<u>508</u>
16	<u>513</u>		

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

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-306

DATE 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 2
2. Reporting Period: January 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: _____

Notes

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>744</u>	<u>53614</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>47125.8</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1508.0</u>
14. Hours Generator On Line	<u>744.0</u>	<u>744.0</u>	<u>46314.9</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>1216287</u>	<u>1216287</u>	<u>72315277</u>
17. Gross Electrical Energy Generated (MWH)	<u>401330</u>	<u>401330</u>	<u>23160270</u>
18. Net Electrical Energy Generated (MWH)	<u>377895</u>	<u>377895</u>	<u>21685798</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>86.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>86.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.6</u>	<u>101.6</u>	<u>80.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.8</u>	<u>95.8</u>	<u>76.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.2</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling, February 21, 1981, 6 weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____			

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1981

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE 810202

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	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
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F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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