

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282  
UNIT Prairie Island No.1  
DATE 830504  
COMPLETED BY Dale Dugstad  
TELEPHONE 612-388- 1121

MONTH April 1983

The unit was base loaded this month, no shutdowns.

PINGP 353, Rev. 1

8305160076 830511  
PDR ADUCK 05000282  
R PDR

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No.1

DATE 830504

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH April 1983

PINGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>528</u>	17	<u>497</u>
2	<u>530</u>	18	<u>522</u>
3	<u>527</u>	19	<u>522</u>
4	<u>530</u>	20	<u>529</u>
5	<u>526</u>	21	<u>519</u>
6	<u>529</u>	22	<u>526</u>
7	<u>524</u>	23	<u>522</u>
8	<u>524</u>	24	<u>525</u>
9	<u>526</u>	25	<u>525</u>
10	<u>529</u>	26	<u>523</u>
11	<u>528</u>	27	<u>525</u>
12	<u>526</u>	28	<u>524</u>
13	<u>527</u>	29	<u>525</u>
14	<u>526</u>	30	<u>524</u>
15	<u>528</u>	31	<u>---</u>
16	<u>523</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-282  
DATE 830504  
COMPLETED BY Dale Dugstad  
TELEPHONE 612-388-1121

Notes

1. Unit Name: Prairie Island No. 1
2. Reporting Period: April 1983
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: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons for Restrictions, If Any: N/A

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>82151</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2518.0</u>	<u>66533.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5571.1</u>
14. Hours Generator On Line	<u>719</u>	<u>2513.8</u>	<u>65270.6</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>1180326</u>	<u>4104828</u>	<u>102047806</u>
17. Gross Electrical Energy Generated (MWH)	<u>400310</u>	<u>1392660</u>	<u>33144080</u>
18. Net Electrical Energy Generated (MWH)	<u>377186</u>	<u>1317974</u>	<u>31020550</u>
19. Unit Service Factor	<u>100.0</u>	<u>87.3</u>	<u>79.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>87.3</u>	<u>79.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>104.3</u>	<u>91.0</u>	<u>75.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.0</u>	<u>86.4</u>	<u>71.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.4</u>	<u>9.2</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling fall of 1983 5 Weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: <u>N/A</u>			

## UNIT SHUTDOWNS AND /ER REDUCTIONS

REPORT MONTH April 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE 830504COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting <sup>3</sup> Down Reactor	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
4-17-83	S	0.0	B	N/A	N/A	N/A	N/A	Turbine valves test

<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 G-In-  
structions for  
Preparation of  
Data Entry Sheets  
for Licensee Event  
Report (LER) File  
(NUREG-0161)

<sup>5</sup> Exhibit 1 - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 830504

COMPLETED BY Dale Dugstad

TELEPHONE 612-388- 1121

MONTH April 1983

PINGP 353, Rev. 1

The unit was base loaded this month. On the 11th, after the Unit 2 turbine valves test, one stop valve did not reopen thus limiting the unit to approximately 73% power for five days. The unit was brought to cold shutdown on the 15th for repairs to the valve and at 1018 of the 16th was returned to service.

# DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 830504

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH April 1983

PIPGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>522</u>	17	<u>-11</u>
2	<u>524</u>	18	<u>-13</u>
3	<u>523</u>	19	<u>68</u>
4	<u>522</u>	20	<u>419</u>
5	<u>520</u>	21	<u>516</u>
6	<u>520</u>	22	<u>523</u>
7	<u>519</u>	23	<u>520</u>
8	<u>521</u>	24	<u>524</u>
9	<u>507</u>	25	<u>520</u>
10	<u>339</u>	26	<u>519</u>
11	<u>344</u>	27	<u>521</u>
12	<u>358</u>	28	<u>523</u>
13	<u>353</u>	29	<u>517</u>
14	<u>357</u>	30	<u>517</u>
15	<u>272</u>	31	<u>---</u>
16	<u>-11</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50- 306  
DATE 830504  
COMPLETED BY Dale Dugstad  
TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 2
2. Reporting Period: April 1983
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: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons for Restrictions, If Any: N/A

Notes

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>73269</u>
12. Number Of Hours Reactor Was Critical	<u>641.4</u>	<u>2596.3</u>	<u>63203.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1516.1</u>
14. Hours Generator On Line	<u>632.0</u>	<u>2582.9</u>	<u>62298.0</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>953086</u>	<u>4132573</u>	<u>97950361</u>
17. Gross Electrical Energy Generated (MWH)	<u>316080</u>	<u>1051870</u>	<u>31218960</u>
18. Net Electrical Energy Generated (MWH)	<u>295692</u>	<u>1310536</u>	<u>29569199</u>
19. Unit Service Factor	<u>87.9</u>	<u>89.7</u>	<u>85.0</u>
20. Unit Availability Factor	<u>87.9</u>	<u>89.7</u>	<u>85.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.3</u>	<u>91.0</u>	<u>80.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>77.6</u>	<u>85.9</u>	<u>76.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.9</u>

4. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):  
Refueling, July 1983      5 Weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: N/A

## UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH April 1983DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 830504COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting <sup>3</sup> Down Reactor	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
4-10-83	S	0.0	B	N/A	N/A	N/A	N/A	Turbine Valves Test
4-10-83	F	0.0	A	N/A	RO 83-8	HA	Valvex	Power Limited Due to Failed Valve
4-16-83	S	87.0	A	1	RO 83-8	HA	Valvex	Repaired Failed Valve

<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  
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structions for  
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