

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282  
UNIT Prairie Island No.1  
DATE 830204  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388- 1121

MONTH JANUARY, 1983

The unit was base loaded this month. On the 13th the Unit was tripped due to an error on a safeguards logic test. On the 28th the Unit was brought to cold shutdown due to cracks found on the Safety Injection Suction Line.

PINCP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 282  
 UNIT Prairie Island No. 1  
 DATE 830204  
 COMPLETED BY DALE DUGSTAD  
 TELEPHONE 612-388-1121

MONTH JANUARY, 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>522</u>	17	<u>525</u>
2	<u>525</u>	18	<u>534</u>
3	<u>522</u>	19	<u>528</u>
4	<u>524</u>	20	<u>531</u>
5	<u>528</u>	21	<u>531</u>
6	<u>528</u>	22	<u>526</u>
7	<u>526</u>	23	<u>536</u>
8	<u>530</u>	24	<u>529</u>
9	<u>526</u>	25	<u>533</u>
10	<u>525</u>	26	<u>531</u>
11	<u>529</u>	27	<u>531</u>
12	<u>525</u>	28	<u>412</u>
13	<u>284</u>	29	<u>-10</u>
14	<u>527</u>	30	<u>-5</u>
15	<u>527</u>	31	<u>-4</u>
16	<u>532</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-282  
DATE 830204  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 1
2. Reporting Period: JANUARY, 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

Notes

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>744</u>	<u>744</u>	<u>80016</u>
12. Number Of Hours Reactor Was Critical	<u>662.7</u>	<u>662.7</u>	<u>64678.3</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5571.1</u>
14. Hours Generator On Line	<u>660.6</u>	<u>660.6</u>	<u>63417.4</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>1080444</u>	<u>1080444</u>	<u>99023422</u>
17. Gross Electrical Energy Generated (MWH)	<u>365140</u>	<u>365140</u>	<u>32116560</u>
18. Net Electrical Energy Generated (MWH)	<u>345781</u>	<u>345781</u>	<u>30048357</u>
19. Unit Service Factor	<u>88.8</u>	<u>88.8</u>	<u>79.3</u>
20. Unit Availability Factor	<u>88.8</u>	<u>88.8</u>	<u>79.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.4</u>	<u>92.4</u>	<u>74.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.7</u>	<u>87.7</u>	<u>70.9</u>
23. Unit Forced Outage Rate	<u>11.2</u>	<u>11.2</u>	<u>9.5</u>

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):

REFUELING FALL of 1983 5 WEEKS.

25. If Shut Down at End Of Report Period, Estimated Date of Startup: FEBRUARY 9, 1983

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH JANUARY, 1983

DOCKET NO. 50- 282  
 UNIT NAME Prairie Island No. 1  
 DATE 83-204  
 COMPLETED BY DALE DUGSTAD  
 TELEPHONE 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
1-13-83	F	8.9	G	3	N/A	N/A	N/A	SEQUENCE ERROR ON SAFEGUARDS LOGIC TEST
1-28-83	F	74.5	A	1	Ro 82-29	SF	PIPEXX	CRACKS FOUND ON THE SAFETY INJECTION SUCTION LINE

<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 830204  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388- 1121

MONTH JANUARY, 1983

The Unit was base loaded this month, no shutdowns.

PINCP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 830204

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH JANUARY, 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>513</u>	17	<u>521</u>
2	<u>521</u>	18	<u>527</u>
3	<u>513</u>	19	<u>522</u>
4	<u>522</u>	20	<u>523</u>
5	<u>525</u>	21	<u>522</u>
6	<u>526</u>	22	<u>519</u>
7	<u>523</u>	23	<u>527</u>
8	<u>523</u>	24	<u>522</u>
9	<u>493</u>	25	<u>530</u>
10	<u>522</u>	26	<u>519</u>
11	<u>522</u>	27	<u>525</u>
12	<u>522</u>	28	<u>521</u>
13	<u>524</u>	29	<u>525</u>
14	<u>521</u>	30	<u>523</u>
15	<u>522</u>	31	<u>526</u>
16	<u>527</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50- 306  
DATE 830204  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

Notes

1. Unit Name: Prairie Island No. 2
2. Reporting Period: JANUARY, 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

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	744	744	71134
12. Number Of Hours Reactor Was Critical	744.0	744.0	61351.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1516.1
14. Hours Generator On Line	744.0	744.0	60459.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1220124	1220124	95037912
17. Gross Electrical Energy Generated (MWH)	409140	409140	30576230
18. Net Electrical Energy Generated (MWH)	388156	388156	28646819
19. Unit Service Factor	100.0	100.0	85.0
20. Unit Availability Factor	100.0	100.0	85.0
21. Unit Capacity Factor (Using MDC Net)	104.3	104.3	80.5
22. Unit Capacity Factor (Using DER Net)	98.4	98.4	76.0
23. Unit Forced Outage Rate	0.0	0.0	5.0

4. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):

REFUELING JULY, 1983 FIVE WEEKS

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



UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH JANUARY, 1983

DOCKET NO. 50-306

UNIT NAME Prairie Island No. 2

DATE 830204

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1-9-83	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