

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282  
UNIT Prairie Island No. 1  
DATE 820304  
COMPLETED BY Dale Dugstad  
TELEPHONE 612-388-1121

MONTH February, 1982

The unit was base loaded this month; no shutdowns.

PINCP 353, Rev. 1

8203160501 820312  
PDR ADOCK 05000282  
R PDR

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 820304

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH February, 1982

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>473</u>	17	<u>509</u>
2	<u>511</u>	18	<u>511</u>
3	<u>511</u>	19	<u>511</u>
4	<u>506</u>	20	<u>513</u>
5	<u>512</u>	21	<u>515</u>
6	<u>510</u>	22	<u>511</u>
7	<u>511</u>	23	<u>510</u>
8	<u>512</u>	24	<u>514</u>
9	<u>513</u>	25	<u>516</u>
10	<u>510</u>	26	<u>512</u>
11	<u>511</u>	27	<u>509</u>
12	<u>511</u>	28	<u>337</u>
13	<u>512</u>	29	<u>—</u>
14	<u>510</u>	30	<u>—</u>
15	<u>507</u>	31	<u>—</u>
16	<u>510</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50- 282

DATE 820304

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

Notes

1. Unit Name: Prairie Island No. 1
2. Reporting Period: February, 1982
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	672	1416	71928
12. Number Of Hours Reactor Was Critical	672.0	1416.0	57437.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	5556.9
14. Hours Generator On Line	672.0	1416.0	56210.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1088527	2296673	87514696
17. Gross Electrical Energy Generated (MWH)	359550	757660	28337760
18. Net Electrical Energy Generated (MWH)	338324	713168	26497567
19. Unit Service Factor	100.0	100.0	78.1
20. Unit Availability Factor	100.0	100.0	78.1
21. Unit Capacity Factor (Using MDC Net)	100.1	100.1	73.2
22. Unit Capacity Factor (Using DER Net)	95.0	95.0	69.5
23. Unit Forced Outage Rate	0.0	0.0	10.4

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):  
Refueling, Fall 1982, 6 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1982DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE 820304COMPLETED 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
2/28/82	S	0.0	B	N/A	N/A	N/A	N/A	Turbine testing

<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 820304

COMPLETED BY Dale Dugstad

TELEPHONE 612-388- 1121

MONTH February, 1982

The unit was base loaded this month. On Wednesday, February 24 at 1117 the unit tripped from low steam generator level due to an error made on a surveillance test. The unit was back in service at 1542 the same day.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 820304

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH February, 1982

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>504</u>	17	<u>503</u>
2	<u>512</u>	18	<u>504</u>
3	<u>508</u>	19	<u>504</u>
4	<u>500</u>	20	<u>315</u>
5	<u>506</u>	21	<u>295</u>
6	<u>504</u>	22	<u>506</u>
7	<u>504</u>	23	<u>507</u>
8	<u>507</u>	24	<u>376</u>
9	<u>506</u>	25	<u>515</u>
10	<u>503</u>	26	<u>511</u>
11	<u>505</u>	27	<u>512</u>
12	<u>506</u>	28	<u>513</u>
13	<u>505</u>	29	<u>—</u>
14	<u>503</u>	30	<u>—</u>
15	<u>501</u>	31	<u>—</u>
16	<u>503</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50- 306  
DATE 820304  
COMPLETED BY Dale Dugstad  
TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 2
2. Reporting Period: February, 1982
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: \_\_\_\_\_

Notes

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	672	1416	63049
12. Number Of Hours Reactor Was Critical	669.6	1411.1	54146.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	1516.1
14. Hours Generator On Line	667.6	1406.5	53272.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1064304	2265288	83512473
17. Gross Electrical Energy Generated (MWH)	348250	742090	26803500
18. Net Electrical Energy Generated (MWH)	327233	697848	25098562
19. Unit Service Factor	99.3	99.3	84.5
20. Unit Availability Factor	99.3	99.3	84.5
21. Unit Capacity Factor (Using MDC Net)	97.4	98.6	79.6
22. Unit Capacity Factor (Using DER Net)	91.9	93.0	75.1
23. Unit Forced Outage Rate	0.7	0.7	5.6

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):  
Refueling, Summer 1982, 6 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1982DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 820304COMPLETED BY Dale DugstadTELEPHONE 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
2/20/82	S	0.0	B	N/A	N/A	N/A	N/A	Condenser cleaning
2/21/82	S	0.0	B	N/A	N/A	N/A	N/A	Condenser cleaning
2/24/82	F	4.4	G	3	N/A	N/A	N/A	Error on surveillance 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  
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<sup>4</sup> Exhibit G-In-  
structions for  
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<sup>5</sup> Exhibit 1 - Same Source