

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282  
UNIT Prairie Island No. 1  
DATE 801001  
COMPLETED BY A. A. Hunstad  
TELEPHONE 612-388-4767

MONTH September 1980

PINGP 353, Rev. 0

The refueling outage continued this month. Ultrasonic examination of steam generator support bolts revealed that most had crack indications. These bolts will be replaced. Details are in RO-80-25. Startup is scheduled for 10-20-80.

8010160 502

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282  
UNIT Prairie Island No. 1  
DATE 801001  
COMPLETED BY A. A. Hunstad  
TELEPHONE 612-388-4767

MONTH September 1980

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

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-282

DATE 801001

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

1. Unit Name: Prairie Island No. 1
2. Reporting Period: September 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

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6575</u>	<u>59543</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>5256.4*</u>	<u>46464.8*</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5531.9</u>
14. Hours Generator On Line	<u>0.0</u>	<u>5246.5</u>	<u>45370.0</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>0</u>	<u>8140749</u>	<u>70219743</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>2493680</u>	<u>22647350</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>2327064</u>	<u>21166316</u>
19. Unit Service Factor	<u>0.0</u>	<u>79.8</u>	<u>76.2</u>
20. Unit Availability Factor	<u>0.0</u>	<u>79.8</u>	<u>76.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>70.3</u>	<u>70.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>66.8</u>	<u>67.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.2</u>	<u>12.6</u>

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

Refueling, September 1981, 6 weeks

25. If Shut Down at End Of Report Period, Estimated Date of Startup: 801020

\* includes corrections for previous error

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1980

DOCKET NO. 50-282

UNIT NAME Prairie Island No. 1

DATE 801001

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

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
800831	S	720.0	C	2	N/A	N/A	N/A	Refueling

<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  
and 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 801001

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-1167

MONTH September 1980

PINGP 353, Rev. 0

The unit was base loaded this month. The unit was taken off line at 1930 on 9-4 to inspect steam generator support bolts as a result of inspection findings on Unit 1. Three of the 48 bolts were found cracked. The remaining bolts were detensioned and inspected. All support pads were provided with at least 5 bolts which is sufficient for LOCA plus DBE loading. The unit was returned to service at 1935 on 9-13.



DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 801001

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH September 1980

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>502</u>	17	<u>506</u>
2	<u>508</u>	18	<u>505</u>
3	<u>505</u>	19	<u>411</u>
4	<u>397</u>	20	<u>497</u>
5	<u>-13</u>	21	<u>507</u>
6	<u>-13</u>	22	<u>506</u>
7	<u>-12</u>	23	<u>511</u>
8	<u>- 4</u>	24	<u>506</u>
9	<u>- 4</u>	25	<u>508</u>
10	<u>- 4</u>	26	<u>513</u>
11	<u>- 4</u>	27	<u>510</u>
12	<u>- 6</u>	28	<u>510</u>
13	<u>- 4</u>	29	<u>506</u>
14	<u>272</u>	30	<u>504</u>
15	<u>496</u>	31	<u>---</u>
16	<u>502</u>		

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-306  
DATE 801001  
COMPLETED BY A. A. Hunstad  
TELEPHONE 612-388-4767

1. Unit Name: Prairie Island No. 2
2. Reporting Period: September 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

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	720	6575	50661
12. Number Of Hours Reactor Was Critical	510.3	5056.6	44185.4
13. Reactor Reserve Shutdown Hours	0.0	89.4	1495.4
14. Hours Generator On Line	503.9	4978.4	43379.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	798260	7870392	67542895
17. Gross Electrical Energy Generated (MWH)	261260	2535730	21589860
18. Net Electrical Energy Generated (MWH)	242891	2368642	20207374
19. Unit Service Factor	70.0	75.7	85.6
20. Unit Availability Factor	70.0	75.7	85.6
21. Unit Capacity Factor (Using MDC Net)	67.5	72.1	79.8
22. Unit Capacity Factor (Using DER Net)	63.7	68.0	75.3
23. Unit Forced Outage Rate	0.0	0.5	4.4
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling, January 1981, 6 weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____			

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1980DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 801001COMPLETED BY A. A. HunstadTELEPHONE 612-388-4767

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
800904	S	216.1	F, B	2	80-25	CC	XXXXXX	Shutdown to inspect steam generator support bolts.

<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



# OPERATING DATA REPORT

- CORRECTED -

DOCKET NO 50- 282

DATE 801001

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

## OPERATING STATUS

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

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	744	5855	58823
12. Number Of Hours Reactor Was Critical	740.9	5256.4	46464.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	5531.9
14. Hours Generator On Line	740.8	5246.5	45370.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	904020	8140749	70219743
17. Gross Electrical Energy Generated (MWH)	259500	2493680	22647350
18. Net Electrical Energy Generated (MWH)	236799	2327064	21166316
19. Unit Service Factor	99.6	89.6	77.1
20. Unit Availability Factor	99.6	89.6	77.1
21. Unit Capacity Factor (Using MDC Net)	63.3	79.0	71.5
22. Unit Capacity Factor (Using DER Net)	60.1	75.0	69.5
23. Unit Forced Outage Rate	0.0	3.2	12.6
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):			

25. If Shut Down at End Of Report Period, Estimated Date of Startup: \_\_\_\_\_