

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 781002

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH September 1978

The unit was in Load Follow operation this month; no shutdowns.

LPDR

7810120033

PDR ADOCK 050-306 R 781009

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 781002

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH September 1978

PINCP 118, v. 5

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>499</u>	17	<u>499</u>
2	<u>498</u>	18	<u>498</u>
3	<u>449</u>	19	<u>495</u>
4	<u>502</u>	20	<u>502</u>
5	<u>495</u>	21	<u>498</u>
6	<u>488</u>	22	<u>471</u>
7	<u>498</u>	23	<u>501</u>
8	<u>498</u>	24	<u>498</u>
9	<u>497</u>	25	<u>502</u>
10	<u>495</u>	26	<u>498</u>
11	<u>494</u>	27	<u>502</u>
12	<u>500</u>	28	<u>500</u>
13	<u>506</u>	29	<u>498</u>
14	<u>508</u>	30	<u>500</u>
15	<u>501</u>	31	<u>---</u>
16	<u>499</u>		

Average loads above 507 MWe-Net are due to cooler condenser circulating water.

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-306  
 DATE 781002  
 COMPLETED BY A. A. Hunstad  
 TELEPHONE 612-388-4767

Notes

1. Unit Name: Prairie Island No. 2
2. Reporting Period: September 1978
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): 538
7. Maximum Dependable Capacity (Net MWe): 507
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	<u>720</u>	<u>6551</u>	<u>33117</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6413.0</u>	<u>28675.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>8.2</u>	<u>1378.7</u>
14. Hours Generator On Line	<u>720.0</u>	<u>6393.6</u>	<u>28000.4</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>1177866</u>	<u>10078986</u>	<u>43278100</u>
17. Gross Electrical Energy Generated (MWH)	<u>379830</u>	<u>3283260</u>	<u>13690320</u>
18. Net Electrical Energy Generated (MWH)	<u>357309</u>	<u>3083594</u>	<u>12804747</u>
19. Unit Service Factor	<u>100.0</u>	<u>97.6</u>	<u>84.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>97.6</u>	<u>84.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9</u>	<u>92.8</u>	<u>76.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.6</u>	<u>88.8</u>	<u>73.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.4</u>	<u>6.4</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling, November 26, 4 weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: _____			

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1978DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 781002COMPLETED BY A. A. Hunstad  
TELEPHONE 512-333-4767

Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licenses Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	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  
 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-0151)

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Exhibit I - Data Source