

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 781002

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH September 1978

The unit was at about 60% power at the beginning of the month with No. 12 Feedwater Pump out of service due to motor failure. The motor was repaired and returned to service on September 9th and the unit was returned to 100% power. Load Follow operation continued this month.

SPENT FUEL STORAGE UPDATE

Fuel assemblies in each core - No change

Fuel assemblies in the spent fuel storage pool - No change

Licensed spent fuel storage pool capacity - No change

Date of last refueling that can be discharged with present capacity - No change

LPDR

7810120031

PDR ADOCK ØSD-282 R 781009

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282  
UNIT Prairie Island No. 1  
DATE 781002  
COMPLETED BY A. A. Hunstad  
TELEPHONE 612-388-4767

MONTH September 1978

PINCP 118, PV. 5

<u>DAY</u>	<u>AVERAGE LOAD</u>	<u>MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD</u>	<u>MWe-Net</u>
1	<u>278</u>		17	<u>505</u>	
2	<u>260</u>		18	<u>504</u>	
3	<u>260</u>		19	<u>502</u>	
4	<u>262</u>		20	<u>504</u>	
5	<u>259</u>		21	<u>487</u>	
6	<u>261</u>		22	<u>500</u>	
7	<u>261</u>		23	<u>504</u>	
8	<u>261</u>		24	<u>502</u>	
9	<u>267</u>		25	<u>478</u>	
10	<u>470</u>		26	<u>503</u>	
11	<u>502</u>		27	<u>505</u>	
12	<u>499</u>		28	<u>504</u>	
13	<u>510</u>		29	<u>504</u>	
14	<u>513</u>		30	<u>503</u>	
15	<u>504</u>		31	<u>---</u>	
16	<u>504</u>				

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

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-282  
DATE 781002  
COMPLETED BY A. A. Hunstad  
TELEPHONE 612-388-4767

1. Unit Name: Prairie Island No. 1
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: \_\_\_\_\_

Notes

PINCP 119, Rev. 9

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6551</u>	<u>41999</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>5896.8</u>	<u>32481.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>103.0</u>	<u>4455.1</u>
14. Hours Generator On Line	<u>720.0</u>	<u>5816.3</u>	<u>31516.9</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>1032140</u>	<u>8929337</u>	<u>48763402</u>
17. Gross Electrical Energy Generated (MWH)	<u>330610</u>	<u>2902750</u>	<u>15870270</u>
18. Net Electrical Energy Generated (MWH)	<u>308962</u>	<u>2718556</u>	<u>14836270</u>
19. Unit Service Factor	<u>100.0</u>	<u>88.8</u>	<u>75.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>88.8</u>	<u>75.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>84.6</u>	<u>81.9</u>	<u>69.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>81.0</u>	<u>78.3</u>	<u>66.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.2</u>	<u>13.3</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling, Spring 79, 5 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- 282UNIT NAME Prairie Island No. 1DATE 781002COMPLETED BY A. A. HunstadTELEPHONE 512-333-4767

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
780831	F	0.0	A	N/A	N/A	CH	MOTORX	Operation was limited to about 60% power until September 9th when No. 12 feedwater pump was returned to service.

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

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