

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 306

UNIT Drafting Island No. 2

DATE 790601

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH May 1979

The unit was in Load Follow operation this month. At 2105 on May 7th the unit was removed from service and cooled down to modify the safety injection actuation logic to 2/3 low pressurizer pressure. The unit was returned to service at 1721 on May 9th.

2278 258

7906140239

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT Prairie Island No. 2

DATE 790601

COMPLETED BY A. A. Hunstad

TELEPHONE 612-388-4767

MONTH May 1979

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>516</u>	17	<u>498</u>
2	<u>508</u>	18	<u>496</u>
3	<u>514</u>	19	<u>499</u>
4	<u>518</u>	20	<u>394</u>
5	<u>513</u>	21	<u>494</u>
6	<u>513</u>	22	<u>495</u>
7	<u>418</u>	23	<u>478</u>
8	<u>-15</u>	24	<u>431</u>
9	<u>71</u>	25	<u>500</u>
10	<u>499</u>	26	<u>499</u>
11	<u>501</u>	27	<u>360</u>
12	<u>502</u>	28	<u>371</u>
13	<u>510</u>	29	<u>492</u>
14	<u>507</u>	30	<u>400</u>
15	<u>502</u>	31	<u>403</u>
16	<u>498</u>		

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

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OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-306
 DATE 790601
 COMPLETED BY A. A. Hunstad
 TELEPHONE 612-388-4767

Notes

1. Unit Name: Prairie Island No. 2
2. Reporting Period: May 1979
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: _____

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	744	3623	38949
12. Number Of Hours Reactor Was Critical	703.2	3576.5	34020.1
13. Reactor Reserve Shutdown Hours	0.0	3.3	1382.0
14. Hours Generator On Line	699.7	3568.1	33303.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1129301	5832193	51851478
17. Gross Electrical Energy Generated (MWH)	355340	1925820	16513560
18. Net Electrical Energy Generated (MWH)	333115	1813496	15459084
19. Unit Service Factor	94.0	98.5	85.5
20. Unit Availability Factor	94.0	98.5	85.5
21. Unit Capacity Factor (Using MDC Net)	89.5	100.1	79.4
22. Unit Capacity Factor (Using DER Net)	84.5	94.4	74.9
23. Unit Forced Outage Rate	0.0	0.3	5.5

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

Refueling, December 79, 5 weeks

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1979

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE 790601

COMPLETED BY A. A. Hunstad

TELEPHONE 512-333-4767

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
790507	S	44.3	H	1	N/A	SF	INSTRU	Shutdown and cooldown to modify safety injection actuation logic.

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)

⁵ Exhibit 1 - Same Source