

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282
UNIT Prairie Island No. 1
DATE 830405
COMPLETED BY Dale Dugstad
TELEPHONE 612-388- 1121

MONTH March 1983

The unit was base loaded this month, no shutdowns

PLNGP 353, Rev. 1

8306020167 830405
PDR ADOCK 05000282
R PDR

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 282

UNIT Prairie Island No.1

DATE 830405

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH March 1983

FIGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>516</u>	17	<u>533</u>
2	<u>524</u>	18	<u>531</u>
3	<u>527</u>	19	<u>474</u>
4	<u>527</u>	20	<u>530</u>
5	<u>522</u>	21	<u>533</u>
6	<u>524</u>	22	<u>531</u>
7	<u>525</u>	23	<u>528</u>
8	<u>524</u>	24	<u>533</u>
9	<u>528</u>	25	<u>532</u>
10	<u>531</u>	26	<u>533</u>
11	<u>533</u>	27	<u>534</u>
12	<u>535</u>	28	<u>535</u>
13	<u>528</u>	29	<u>528</u>
14	<u>529</u>	30	<u>530</u>
15	<u>534</u>	31	<u>528</u>
16	<u>527</u>		

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

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50- 282
DATE 83C405
COMPLETED BY Dale Dugstad
TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 1
2. Reporting Period: March 1983
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: N/A

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons for Restrictions, If Any: N/A

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	744	2160	81432
12. Number Of Hours Reactor Was Critical	744	1799.0	65814.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	5571.1
14. Hours Generator On Line	744	1794.8	64551.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1214694	2924502	100867480
17. Gross Electrical Energy Generated (MWH)	412290	992350	32743770
18. Net Electrical Energy Generated (MWH)	392255	940788	30643364
19. Unit Service Factor	100.0	83.1	79.3
20. Unit Availability Factor	100.0	83.1	79.3
21. Unit Capacity Factor (Using MDC Net)	104.8	86.6	74.8
22. Unit Capacity Factor (Using DER Net)	99.5	82.2	71.0
23. Unit Forced Outage Rate	0.0	0.5	9.3

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling fall of 1983 5 weeks

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

UNIT SHUTDOWNS AND LER REDUCTIONSREPORT MONTH March 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE 830405COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3-19-83	S	0.0	B	N/A	N/A	N/A	N/A	Turbine Valves Test

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-0161)

⁵ Exhibit 1 - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 306
UNIT Prairie Island No. 2
DATE 830405
COMPLETED BY Dale Dugstad
TELEPHONE 612-388- 1121

MONTH March 1983

The reactor coolant pump seals were repaired and the Unit was put on line at 1634 of the 6th. It was base loaded; there were no other problems.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 830405

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH March 1983

PINCP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>-2</u>	17	<u>530</u>
2	<u>-2</u>	18	<u>528</u>
3	<u>-2</u>	19	<u>530</u>
4	<u>-2</u>	20	<u>528</u>
5	<u>-5</u>	21	<u>530</u>
6	<u>66</u>	22	<u>527</u>
7	<u>509</u>	23	<u>528</u>
8	<u>528</u>	24	<u>525</u>
9	<u>530</u>	25	<u>528</u>
10	<u>530</u>	26	<u>525</u>
11	<u>531</u>	27	<u>529</u>
12	<u>529</u>	28	<u>527</u>
13	<u>526</u>	29	<u>522</u>
14	<u>523</u>	30	<u>524</u>
15	<u>530</u>	31	<u>523</u>
16	<u>524</u>		

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

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50- 306

DATE 830405

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 2
2. Reporting Period: March 1983
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: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons for Restrictions, If Any: N/A

Notes

	This Month	Yr-To-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>2160</u>	<u>72550</u>
12. Number Of Hours Reactor Was Critical	<u>611.3</u>	<u>1954.9</u>	<u>62562.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1516.1</u>
14. Hours Generator On Line	<u>607.4</u>	<u>1950.9</u>	<u>61666.0</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>989994</u>	<u>3179487</u>	<u>96997275</u>
17. Gross Electrical Energy Generated (MWH)	<u>333360</u>	<u>735790</u>	<u>30902880</u>
18. Net Electrical Energy Generated (MWH)	<u>317188</u>	<u>1014844</u>	<u>29273507</u>
19. Unit Service Factor	<u>81.6</u>	<u>90.3</u>	<u>85.0</u>
20. Unit Availability Factor	<u>81.6</u>	<u>90.3</u>	<u>85.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>85.3</u>	<u>94.0</u>	<u>80.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>80.4</u>	<u>88.6</u>	<u>76.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>4.9</u>

4. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling July 1983 5 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup: N/A

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH March 1983DOCKET NO. 50- 306UNIT NAME Prairie Island No. 2DATE 830405COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
2-25-83	S	136.6	B	1	N/A	N/A	N/A	Repair Reactor Coolant Pump Seals

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
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⁴ Exhibit G-In-
structions for
Preparation of
Data Entry Sheets
for Licensee Event
Report (LER) File
(NUREG-0161)

⁵ Exhibit 1 - Same Source



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

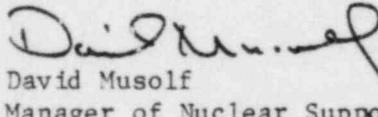
April 11, 1983

Director, Office of Resource Management
U S Nuclear Regulatory Commission
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
March, 1983

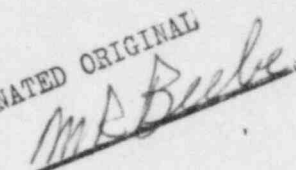
Attached are twelve copies of the Monthly Operating Report for
March, 1983 for the Prairie Island Nuclear Generating Plant.


David Musolf
Manager of Nuclear Support Services

DMM/ba

cc: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

DESIGNATED ORIGINAL
Certified By  5/31/83

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