

Internal Correspondence

NSP

Date 3-7-83

From E. L. Watzl, Plant Manager

Location Prairie Island

To D. M. Musolf, Manager-Nuclear Support Services

Location General Office - 8

Subject NRC MONTHLY OPERATING REPORTS

Dear Mr. Musolf:

Attached are the originals of the Unit 1 and Unit 2 NRC Monthly
Operating Reports for February 1983

Sincerely,

E. L. Watzl
Plant Manager
Prairie Island Nuclear Plant

By Dale J. Dugstad
Dale J. Dugstad
Associate Engineer

ELW/DJD/kt

Attachments

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT Prairie Island No.1
DATE 830303
COMPLETED BY Dale Dugstad
TELEPHONE 612-388- 1121

MONTH February 1983

On the 12th the Unit was returned to service after repair of the Safety Injection Suction line. It was base loaded.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT Prairie Island No. 1

DATE 830303

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH February 1983

PINGP 118, Rev. 7

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>-3</u>	17	<u>527</u>
2	<u>-3</u>	18	<u>532</u>
3	<u>-3</u>	19	<u>531</u>
4	<u>-3</u>	20	<u>532</u>
5	<u>-3</u>	21	<u>531</u>
6	<u>-3</u>	22	<u>529</u>
7	<u>-3</u>	23	<u>527</u>
8	<u>-2</u>	24	<u>526</u>
9	<u>-3</u>	25	<u>526</u>
10	<u>-4</u>	26	<u>526</u>
11	<u>-8</u>	27	<u>523</u>
12	<u>75</u>	28	<u>533</u>
13	<u>507</u>	29	<u>---</u>
14	<u>517</u>	30	<u>---</u>
15	<u>520</u>	31	<u>---</u>
16	<u>522</u>		

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

OPERATING DATA REPORT

DOCKET NO 50- 282

DATE 830303

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

OPERATING STATUS

Notes

1. Unit Name: Prairie Island No. 1
2. Reporting Period: February
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
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	<u>672</u>	<u>1416</u>	<u>80688</u>
12. Number Of Hours Reactor Was Critical	<u>392.3</u>	<u>1055.0</u>	<u>65070.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>5571.1</u>
14. Hours Generator On Line	<u>390.2</u>	<u>1050.8</u>	<u>63807.6</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>629364</u>	<u>1709808</u>	<u>99652786</u>
17. Gross Electrical Energy Generated (MWH)	<u>214920</u>	<u>580060</u>	<u>32331480</u>
18. Net Electrical Energy Generated (MWH)	<u>202752</u>	<u>548533</u>	<u>30251109</u>
19. Unit Service Factor	<u>58.1</u>	<u>74.2</u>	<u>79.1</u>
20. Unit Availability Factor	<u>58.1</u>	<u>74.2</u>	<u>79.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>60.0</u>	<u>77.0</u>	<u>74.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>56.9</u>	<u>73.1</u>	<u>70.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.8</u>	<u>9.4</u>

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 REDUCTIONS

REPORT MONTH February 1983DOCKET NO. 50-282UNIT NAME Prairie Island No.1DATE 830303COMPLETED 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
1-28-83	S	281.8	B	1	RO 82-29	SE	PIPEXX	Repair work on safety injection suction line

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

CORRECTED
OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-282
DATE 830303
COMPLETED BY Dale Dugstad
TELEPHONE 612-388-1121

Notes

Corrected the Unit Forced
Outage Rate Figures

1. Unit Name: Prairie Island No. 1
2. Reporting Period: January 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): _____
7. Maximum Dependable Capacity (Net MWe): _____
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	_____	_____	_____
12. Number Of Hours Reactor Was Critical	_____	_____	_____
13. Reactor Reserve Shutdown Hours	_____	_____	_____
14. Hours Generator On Line	_____	_____	_____
15. Unit Reserve Shutdown Hours	_____	_____	_____
16. Gross Thermal Energy Generated (MWH)	_____	_____	_____
17. Gross Electrical Energy Generated (MWH)	_____	_____	_____
18. Net Electrical Energy Generated (MWH)	_____	_____	_____
19. Unit Service Factor	_____	_____	_____
20. Unit Availability Factor	_____	_____	_____
21. Unit Capacity Factor (Using MDC Net)	_____	_____	_____
22. Unit Capacity Factor (Using DER Net)	_____	_____	_____
23. Unit Forced Outage Rate	<u>1.3</u>	<u>1.3</u>	<u>9.4</u>
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:	_____		

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH January 1983DOCKET NO. 50- 282UNIT NAME Prairie Island No. 1DATE 830303COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Corrected

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
1-28-83	S	74.5	B	1	RO 82-29	SF	PIPEXX	

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 830303

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

MONTH February 1983

The unit was base loaded this month. On the 25th it was brought to cold shutdown to allow repair to Reactor Coolant Pump Seals.

PINGP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 830303

COMPLETED BY Dale Dugstad

TELEPHONE 612-388- 1121

MONTH February 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>523</u>	17	<u>511</u>
2	<u>525</u>	18	<u>510</u>
3	<u>523</u>	19	<u>509</u>
4	<u>525</u>	20	<u>510</u>
5	<u>525</u>	21	<u>511</u>
6	<u>525</u>	22	<u>519</u>
7	<u>525</u>	23	<u>527</u>
8	<u>524</u>	24	<u>526</u>
9	<u>524</u>	25	<u>497</u>
10	<u>523</u>	26	<u>-8</u>
11	<u>521</u>	27	<u>-2</u>
12	<u>524</u>	28	<u>-2</u>
13	<u>476</u>	29	<u>---</u>
14	<u>506</u>	30	<u>---</u>
15	<u>506</u>	31	<u>---</u>
16	<u>513</u>		

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

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50- 306
DATE 830303
COMPLETED BY Dale Dugstad
TELEPHONE 612-388-1121

1. Unit Name: Prairie Island No. 2
2. Reporting Period: February 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	672	1416	71806
12. Number Of Hours Reactor Was Critical	599.6	1343.6	61950.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1516.1
14. Hours Generator On Line	599.5	1343.5	61058.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	969369	2189493	96007281
17. Gross Electrical Energy Generated (MWH)	326650	735790	30902880
18. Net Electrical Energy Generated (MWH)	309500	697656	28956319
19. Unit Service Factor	89.2	94.9	85.0
20. Unit Availability Factor	89.2	94.9	85.0
21. Unit Capacity Factor (Using MDC Net)	92.1	98.5	80.7
22. Unit Capacity Factor (Using DER Net)	86.9	93.0	76.1
23. Unit Forced Outage Rate	0.0	0.0	5.0
24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each): <u>Refueling July 1983 Five Weeks</u>			
25. If Shut Down at End Of Report Period, Estimated Date of Startup: <u>3-5-83</u>			

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH February 1983

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE 830303

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

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
2-25-83	S	72.5	B	1	N/A	N/A	N/A	Work on R.C.P. 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
2-Manual Trip
3-Automatic Trip
4-Other (Explain)

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