

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282
UNIT Prairie Island No. 1
DATE 830105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388- 1121

MONTH DECEMBER, 1982

The unit was returned to service on December 18 at 1021 from the scheduled Cycle 7-8 refueling outage; it was base loaded.

PINGP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 282
UNIT Prairie Island No. 1
DATE 830105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER, 1982

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>-4</u>	17	<u>-18</u>
2	<u>-4</u>	18	<u>39</u>
3	<u>-4</u>	19	<u>260</u>
4	<u>-3</u>	20	<u>400</u>
5	<u>-3</u>	21	<u>313</u>
6	<u>-3</u>	22	<u>297</u>
7	<u>-3</u>	23	<u>432</u>
8	<u>-4</u>	24	<u>504</u>
9	<u>-4</u>	25	<u>513</u>
10	<u>-3</u>	26	<u>513</u>
11	<u>-3</u>	27	<u>513</u>
12	<u>-2</u>	28	<u>489</u>
13	<u>-3</u>	29	<u>525</u>
14	<u>-3</u>	30	<u>522</u>
15	<u>-8</u>	31	<u>522</u>
16	<u>-18</u>		

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

OPERATING DATA REPORT

DOCKET NO 50-282
 DATE 830105
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. Unit Name: Prairie Island No. 1
2. Reporting Period: DECEMBER, 1982
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	<u>744</u>	<u>8760</u>	<u>79272</u>
12. Number Of Hours Reactor Was Critical	<u>353.7</u>	<u>7994.5</u>	<u>64015.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>14.2</u>	<u>5571.1</u>
14. Hours Generator On Line	<u>325.7</u>	<u>7962.0</u>	<u>62756.8</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>455376</u>	<u>12724955</u>	<u>97942978</u>
17. Gross Electrical Energy Generated (MWH)	<u>149800</u>	<u>4171320</u>	<u>31751420</u>
18. Net Electrical Energy Generated (MWH)	<u>138042</u>	<u>3918177</u>	<u>29702576</u>
19. Unit Service Factor	<u>43.8</u>	<u>90.9</u>	<u>79.2</u>
20. Unit Availability Factor	<u>43.8</u>	<u>90.9</u>	<u>79.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>36.9</u>	<u>88.9</u>	<u>74.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>35.0</u>	<u>84.4</u>	<u>70.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.2</u>	<u>9.5</u>

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

REFUELING, FALL 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 DECEMBER, 1982DOCKET NO. 50- 282UNIT NAME Prairie Island No. 1DATE 830105COMPLETED 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
12-1-82	S	418.4	C	2	N/A	N/A	N/A	REFUELING OUTAGE
12-21-82	F	0.0	H	N/A	RO 82-28	N/A	N/A	▲ I OUT OF BAND
12-28-82	S	0.0	B	N/A	N/A	N/A	N/A	FLUX MAP - AXIAL OFFSET 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 830105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388- 1121

MONTH DECEMBER, 1982

The unit was base loaded this month except for two days of load follow operation. The unit was tripped on the 7th at 1504 due to operation error. It was back on line at 1830 the same day.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 830105

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH DECEMBER, 1982

<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>	<u>DAY</u>	<u>AVERAGE LOAD MWe-Net</u>
1	<u>520</u>	17	<u>512</u>
2	<u>522</u>	18	<u>528</u>
3	<u>526</u>	19	<u>480</u>
4	<u>526</u>	20	<u>520</u>
5	<u>524</u>	21	<u>512</u>
6	<u>523</u>	22	<u>520</u>
7	<u>394</u>	23	<u>513</u>
8	<u>514</u>	24	<u>515</u>
9	<u>513</u>	25	<u>521</u>
10	<u>521</u>	26	<u>244</u>
11	<u>509</u>	27	<u>463</u>
12	<u>513</u>	28	<u>522</u>
13	<u>512</u>	29	<u>512</u>
14	<u>519</u>	30	<u>516</u>
15	<u>521</u>	31	<u>510</u>
16	<u>517</u>		

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

OPERATING DATA REPORT

DOCKET NO 50- 306
DATE 830105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. Unit Name: Prairie Island No. 2
2. Reporting Period: DECEMBER, 1982
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>8760</u>	<u>70390</u>
12. Number Of Hours Reactor Was Critical	<u>741.8</u>	<u>7872.2</u>	<u>60607.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1516.1</u>
14. Hours Generator On Line	<u>740.6</u>	<u>7849.0</u>	<u>59715.1</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>1189730</u>	<u>12570603</u>	<u>93817788</u>
17. Gross Electrical Energy Generated (MWH)	<u>395210</u>	<u>4105680</u>	<u>30167090</u>
18. Net Electrical Energy Generated (MWH)	<u>373228</u>	<u>3857949</u>	<u>28258663</u>
19. Unit Service Factor	<u>99.5</u>	<u>89.6</u>	<u>84.8</u>
20. Unit Availability Factor	<u>99.5</u>	<u>89.6</u>	<u>84.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.3</u>	<u>88.1</u>	<u>80.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.7</u>	<u>83.1</u>	<u>75.7</u>
23. Unit Forced Outage Rate	<u>0.5</u>	<u>0.7</u>	<u>5.1</u>

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

REFUELING JULY 1983, FIVE WEEKS

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

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH DECEMBER, 1982DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 830105COMPLETED 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
12-7-82	F	3.4	G	3	N/A	N/A	N/A	OPENED WRONG BREAKER
12-19-82	S	0.0	B	N/A	N/A	N/A	N/A	AXIAL OFFSET 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)

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1-Manual
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4-Other (Explain)

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