NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282
UNIT Prairie Island No.1
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388- 1121

MONTH DECEMBER, 1981

The Unit was base loaded this month; no shutdowns.

PINGP 353, Rev.1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 282
UNIT Prairie Island No. 1
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER, 1981

PINGP 118, Rev. 7

DAY	AVERAGE LOAD MWe-Net	DAY	AVERAGE LOAD MWe-Net
1	460	17	519
2	458	18	519
3	463	19	515
4	510	20	517
5	514	21	518
6	512	22	521
7	512	23	476
8	515	24	554
9	515	25	332
10	518	26	453
11	517	27	513
12	517	28	514
13	516	29	515
14	519	30	513
15	517	31	515
16	514		

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

OPERATING DATA REPORT

DOCKET NO 50- 282
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. Unit Name: Prairie Island No. I
2. Reporting Period: DECEMBER, 1981
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:
9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons for Restrictions, If Any:

Notes

		This Month	Yr-To-Date	Cumulative
11.	Hours In Reporting Period	744	8760	70512
12.	Number Of Hours Reactor Was Critical	744.0	7854.0	56021.1
13.	Reactor Reserve Shutdown Hours	0.0	18.8	5556.9
14.	Hours Generator On Line	744.0	7804.2	54794.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1231956	12535289	85255970
17.	Gross Electrical Energy Generated (MWH)	397100	4098590	27580100
18.	Net Electrical Energy Generated (MWH)	373690	3838792	25787399
19.	Unit Service Factor	100.0	89.1	77.7
20.	Unit Availability Factor	100.0	89.1	77.7
21.	Unit Capacity Factor (Using MDC Net)	99.9	87.1	72.7
22.	Unit Capacity Factor (Using DER Net)	94.8	82.7	69.0
23.	Unit Forced Outage Rate	0.0	0.3	10.7

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling, Fall of 1982, 6 weeks.
25. If Shut Down at End Of Report Period, Estimated Date of Startup:

NSP 119, Rev. 12

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER, 1981

DOCKET NO. 50- 282
UNIT NAME Prairie Island No. 1
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

PINGP 120, Rev. 5

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] 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-Instructions 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 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388- 1121

MONTH DECEMBER, 1981

The Unit was base loaded this month. On December 5, at 0128 the unit tripped due to the failure of Loop B feed reg valve caused by the breakage of the actuator anchor bolts. It was back on-line at 1516 and returned to 100% power later that night.

PINGP 353, Rev. 1

DAILY UNIT POWER OUTPUT

DOCKET NO. 50- 306
UNIT Prairie Island No. 2
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH DECEMBER, 1981

DAY	AVERAGE LOAD MWe-Net	DAY	AVERAGE LOAD MWe-Net
1	51?	17	513
2	510	18	511
3	513	19	508
4	512	20	511
5	171	21	512
6	511	22	515
7	508	23	513
8	514	24	509
9	510	25	514
10	509	26	509
11	508	27	508
12	510	28	510
13	511	29	511
14	514	30	510
15	512	31	510
16	508		

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

PINGP 118, Rev. 7

OPERATING DATA REPORT

DOCKET NO 50- 306
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. Unit Name: Prairie Island No. 2
2. Reporting Period: DECEMBER, 1981
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:

Notes

		This Month	Yr-To-Date	Cumulative
11.	Hours In Reporting Period	744	8760	61630
12.	Number Of Hours Reactor Was Critical	734.3	6353.1	52734.9
13.	Reactor Reserve Shutdown Hours	0.0	8.1	1516.1
14.	Hours Generator On Line	730.2	6295.2	51866.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1195381	10148195	81247185
17.	Gross Electrical Energy Generated (MWH)	395050	3302470	26061410
18.	Net Electrical Energy Generated (MWH)	371776	3092811	24400714
19.	Unit Service Factor	98.1	71.9	84.2
20.	Unit Availability Factor	98.1	71.9	84.2
21.	Unit Capacity Factor (Using MDC Net)	99.9	70.6	79.1
22.	Unit Capacity Factor (Using DER Net)	94.3	66.6	74.7
23.	Unit Forced Outage Rate	1.9	15.1	5.7

24. Shutdowns Scheduled Over Next 12 Months (Type, Date and Duration of Each):
Refueling, Summer 1982, 6 weeks
25. If Shut Down at End Of Report Period, Estimated Date of Startup:

NGP 119, Rev. 12

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50- 306
UNIT NAME Prairie Island No. 2
DATE 820105
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

REPORT MONTH DECEMBER, 1981

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
811205	F	13.8	A	3	N/A	N/A	N/A	Rx trip due to the failure of Loop B feed reg valve caused by the breakage of the actuator anchor bolts.

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

[5] Exhibit 1 - Same Source

PINGP 120, Rev. 5