NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50- 282

UNIT Prairie Island No. 1

DATE 810901

COMPLETED BY A A Hunstad

TELEPHONE 612-388- 1121

MONTH	August	1081		
	348434	1201	-	and the same of the same of

The unit was base loaded this month. At 1946 on August 31st, a control card in the turbine E-H system failed, closing the control valves, and causing a reactor trip from low steam generator level. Unit 1 had been on line since November 11, 1980, a run of 293 days.

DOCKET NO. 50- 282

UNIT Vrairie Island No. 1

DATE 810901

COMPLETED BY A A Hunstad

TELEPHONE 612-388-1121

MONTH August 1981

DAY	AVERAGE LOAD MWe-Net	DAY	AVERAGE LOAD MWe-Net
1	431	17	496
2	494	18	494
3	496	19	496
4	498	20	497
5	497	21	497
6	497	22	500
7	497	23	496
8	495	24	498
9	496	25	498
10	495	26	498
11	496	27	499
12	497	28	498
13	497	29	499
14	497	30	497
15	487	31	405
16	425		

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

OPERATING DATA REPORT

DOCKET NO 50-

810901

DATE

810901

A. A. Hunstad COMPLETED BY OPERATING STATUS TELEPHONE 612-388-1121 1. Unit Name: Prairie Island No. 1 Notes 2. Reporting Period: August 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): 534 503 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 744 5831 67583 12. Number Of Hours Reactor Was Critical 739.8 5826.8 53993.9 13. Reactor Reserve Shutdown Hours 4.2 4.2 5542.3 14. Hours Generator On Line 5826.8 52817.4 739.8 15. Unit Reserve Shutdown Hours 0.0 0.0 0.0 16. Gross Thermal Energy Generated (MWH) 9485388 82206069 1203906 17. Gross Electrical Energy Generated (MWH) 387640 3107720 26589230 18. Net Electrical Energy Generated (MWH) 2915188 24860795 363933 19. 99.4 99.9 78.2 Unit Service Factor 99.9 78.2 20. Unit Availability Factor 99.4 99.4 97.2 73.1 21. Unit Capacity Factor (Using MDC Net) 22. 92.3 94.3 69.4 Unit Capacity Factor (Using DER Net) 23. 0.6 0.0 11.0 Unit Forced Outage Rate

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

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

Refueling September 19, 1981 5 weeks

24.

25.

REPORT MONTH August 1981

UNIT NAME Prairie Island No. 1
DATE 810901

COMPLETED BY A. A. Hunstad
TELEPHONF 612-388-1121

Date	Type	Duration (Hours)	Reason 2	Method of Shutting Down Reactor	Licensee Event Report #	System Code	Code 5	Cause & Corrective Action to Prevent Recurrence
810831	F	4.2	A	3	NA	NA	NA	Trip when a capacitor on a turbine E-H control card failed and turbine control valves closed Reactor trip came from low steam generator level.

F: Forced S: Scheduled

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

Method:

1-Manual

2-Manual Trip

3-Automatic Trip

4-Other (Explain)

E S

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 810901

COMPLETED BY A A Hunstad
TELEPHONE 612-388-1121

MONTH August 1981

The unit was in Load Follow operation this month; no shutdowns.

DOCKET NO. 50- 306

UNIT Prairie Island No. 2

DATE 810901

COMPLETED BY A A Hunstad

TELEPHONE 612-388-1121

MONTH August 1981

DAY	AV	ERAGE LOAD MWe-Net	DAY	AVERAGE LOAD MWe-Net
1		494	17	492
2		493	18	496
3		493	19	497
4		495	20	496
5		494	21	497
6		494	22	493
7		495	23	498
8		446	24	494
9		463	25	496
10		439	26	495
11		492	27	496
12		491	28	496
13		492	29	496
14		496	30	447
15		495	31	497
16		496		

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

OPERATING STATUS

DOCKET NO 50- 306
DATE 810901
COMPLETED BY A. A. Hunstad
TELEPHONE 612-388-1121

1.	Unit Name: Prairie Island No. 2			
2.	Reporting Period: August 1981		Notes	
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 (Ite Give Reason:	ms Number 3 Thro	ough 7) Since La	st Report:
9. 10.	Power Level To Which Restricted, If Any (Reasons for Restrictions, If Any:			
		This Month	Yr-To-Date	Cumulative
11.	Hours In Reporting Period	This Month	Yr-To-Date	Cumulative 58701
11.	Hours In Reporting Period Number Of Hours Reactor Was Critical			
		744	5831	58701
12.	Number Of Hours Reactor Was Critical	744 744.0	5831 3711.7_	58701
12. 13.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours	744 744.0 0.0	5831 3711.7 8.1	58701 50093.5 1516.1
12. 13. 14.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line	744.0 744.0 0.0 744.0	5831 3711.7 8.1 3666.3	58701 50093.5 1516.1 49237.2
12. 13. 14. 15.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours	744.0 744.0 0.0 744.0 0.0	5831 3711.7 8.1 3666.3 0.0	58701 50093.5 1516.1 49237.2 0.0
12. 13. 14. 15.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH)	744.0 0.0 744.0 0.0 1207705	5831 3711.7 8.1 3666.3 0.0 5871934	58701 50093.5 1516.1 49237.2 0.0 76970924
12. 13. 14. 15. 16.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH)	744.0 0.0 744.0 0.0 1207705 387440	5831 3711.7 8.1 3666.3 0.0 5871934 1895330	58701 50093.5 1516.1 49237.2 0.0 76970924 24654270
12. 13. 14. 15. 16. 17. 18.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH)	744.0 0.0 744.0 0.0 1207705 387440 363712 100.0	5831 3711.7 8.1 3666.3 0.0 5871934 1895330 1771274	58701 50093.5 1516.1 49237.2 0.0 76970924 24654270 23079177 83.9
12. 13. 14. 15. 16. 17. 18.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor	744.0 0.0 744.0 0.0 1207705 387440 363712 100.0	5831 3711.7 8.1 3666.3 0.0 5871934 1895330 1771274 62.9	58701 50093.5 1516.1 49237.2 0.0 76970924 24654270 23079177 83.9
12. 13. 14. 15. 16. 17. 18. 19.	Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor	744.0 0.0 744.0 0.0 1207705 387440 363712 100.0 100.0	5831 3711.7 8.1 3666.3 0.0 5871934 1895330 1771274 62.9 62.9	58701 50093.5 1516.1 49237.2 0.0 76970924 24654270 23079177 83.9 83.9

Refueling, Spring 1982 6 weeks

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

4.85
8.65
1 46
100
-
1760
100
1
1
10
1.90
1.77
148
10
Ege
8.700
17.59
1:0
1.50
1.5
12
157
100
1.35
15
12
100
100
F. Smer
11.7
200
100
120
1.20
1.5
11.50
Lines
R
1
1
1.720
Enter
100
1900
10
3000
100
10
10 3
1
3200
1
100
1 200
120

F: Forced S: Scheduled	Date	
	Type ¹	
2 Reason A-Equip B-Maint C-Refue D-Regul E-Opera F-Admin G-Opera	Duration (Hours)	
Reason A-Equipment F. B-Maintenance C-Refueling D-Regulatory PE-Operator Traff E-Operational G-Operational	Reason ²	
	Method of Shutting 3 Down Reactor 2	
(Explain) st ction & License (Explain)	Licensee Event Report #	
Examination	System Code 4	
w	Code ⁴ Component Code ⁵ Code ⁵	
Method: 1-Manual 2-Manual Trip 3-Automatic Trip 4-Other (Explain)	COMPLETED BY TELEPHONE Cause & Cor Action Prevent Rec	DOCKE
4 Exhibit G-In- structions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161) 5 Exhibit 1 - Same Source	OMPLETED BY A. A. Hunstad TELEPHONE 612-388-1121 Cause & Corrective Action to Prevent Recurrence	