



**Nuclear Management Company, LLC**  
Prairie Island Nuclear Generating Plant  
1717 Wakonade Dr. East • Welch MN 55089

January 4, 2001

Technical Specifications 6.7.A.3

US Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

**PRAIRIE ISLAND NUCLEAR GENERATING PLANT**  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

**Monthly Operating Report  
December 2000**

Attached is the Monthly Operating Report for December, 2000 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen  
Site General Manager  
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
NRC Resident Inspector  
State of Minnesota – James Bernstein

Attachment

IE24

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 1/11/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: DECEMBER 2000**

During the month of December, Unit 1 was base loaded. There was one shutdown and an additional power reduction.

The Unit was taken off-line at 2213 on the 1st to allow repairs to 11 Reactor Coolant Pump seals. The Unit returned to service on the 13th when the generator went on-line at 1834.

On the 27th, at 1212, Unit 1 began coastdown operation for the upcoming refueling outage.

There are no other items to report.

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 1/8/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: DECEMBER 2000
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 536
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
- 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASON:  
NONE
- 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
- 10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	744	8784	237072
12. NUMBER OF HOURS REACTOR CRITICAL	465.8	8505.8	204994.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	459.7	8499.7	203082.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	730964	13908653	323613546
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	254310	4791320	107356910
18. NET ELECTRICAL ENERGY GENERATED (MWH)	239235	4536505	101048766
19. UNIT SERVICE FACTOR	61.8	96.8	85.7
20. UNIT AVAILABILITY FACTOR	61.8	96.8	85.7
21. UNIT CAPACITY FACTOR ( MDC NET)	61.6	98.9	84.1
22. UNIT CAPACITY FACTOR ( DER NET)	60.0	96.4	80.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 1/8/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/1/2000	1	S	284.3	B	1	N/A	N/A	N/A
	<b>NOTES:</b> 11 RCP seat repair work.							
12/27/2000	1	S	0	C	5	N/A	N/A	N/A
	<b>NOTES:</b> Began coastdown operation.							

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD 800-1984(P805-D5)
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

**DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 1/8/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: DECEMBER 2000**

During the month of December, Unit 2 was base loaded. There were no shutdowns and only one power reduction.

On the 22nd, at 2336, the Unit began a load reduction to perform a Turbine Valve Test. The test was completed satisfactorily and the Unit returned to full power operation at 0403 on the 23rd.

There are no other items to report.

**DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2**

DATE 1/8/2001

COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 2000
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 536
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASON:  
NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	744	8784	228190
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	7858.2	201906.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	7821.4	200296.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1222012	12804329	320091635
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425690	4413010	105297950
18. NET ELECTRICAL ENERGY GENERATED (MWH)	405407	4179134	99562906
19. UNIT SERVICE FACTOR	100.0	89.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	89.0	87.8
21. UNIT CAPACITY FACTOR ( MDC NET)	104.4	91.1	86.6
22. UNIT CAPACITY FACTOR ( DER NET)	101.7	88.8	82.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
DATE 1/8/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: DECEMBER 2000**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/22/2000	2	S	0	B	5	N/A	N/A	N/A
<b>NOTES:</b> Turbine valve testing.								

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		