



**Nuclear Management Company, LLC**

**Prairie Island Nuclear Generating Plant**  
1717 Wakonade Dr. East • Welch MN 55089

March 12, 2002

Technical Specifications 6.6.D

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**  
**February, 2002**

Attached is the Monthly Operating Report for February, 2002 for the Prairie Island Nuclear Generating Plant.

Mano Nazar  
Site Vice President  
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 3/11/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: FEBRUARY 2002**

During the month of January, Unit 1 was base loaded. There were no shutdowns or power reductions.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 170 DAYS

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 3/11/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: FEBRUARY 2002
- 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	672	1416	247248
12. NUMBER OF HOURS REACTOR CRITICAL	672.0	1416.0	213348.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	672.0	1416.0	211390.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1106598	2329038	337098294
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	385330	811830	112018080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	366746	773003	105463510
19. UNIT SERVICE FACTOR	100.0	100.0	85.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.5
21. UNIT CAPACITY FACTOR ( MDC NET)	104.6	104.6	84.1
22. UNIT CAPACITY FACTOR ( DER NET)	101.8	101.8	80.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: FEBRUARY 2002**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
2/28/2002	1	N/A	0			N/A	N/A	N/A
<b>NOTES:</b>		None.						

<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		

**DOCKET NO. 50-306**

**UNIT PRAIRIE ISLAND NO. 2**

DATE 3/11/2002

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: FEBRUARY 2002**

During the beginning of February, Unit 2 was in coastdown operation. The refueling outage started on the 1st of February, at 2113 when the Generator was taken off-line. The reactor was manually shutdown at 2202. Unit 2 remained in the refueling outage for the rest of the month.

There are no other items to report.

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

DATE 3/11/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: FEBRUARY 2002
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	672	1416	238366
12. NUMBER OF HOURS REACTOR CRITICAL	650.0	1394.0	211392.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	21.2	765.2	209093.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	31464	1227087	334423885
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	10200	426630	110237010
18. NET ELECTRICAL ENERGY GENERATED (MWH)	7134	403809	104237679
19. UNIT SERVICE FACTOR	3.2	54.0	87.7
20. UNIT AVAILABILITY FACTOR	3.2	54.0	87.7
21. UNIT CAPACITY FACTOR ( MDC NET)	2.0	54.6	86.6
22. UNIT CAPACITY FACTOR ( DER NET)	2.0	53.2	82.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.0
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: FEBRUARY 2002**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
2/1/2002	2	S	650.8	C	1	N/A	N/A	N/A
<b>NOTES:</b> Refueling outage.								

<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		