



**Nuclear Management Company, LLC**

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

February 11, 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**  
**January, 2002**

Attached is the Monthly Operating Report for January, 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 2/5/2002

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

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JANUARY 2002**

During the month of January, Unit 1 was base loaded. There were no shutdowns and only one power reduction.

On the 19th, the Unit reduced power to conduct a turbine valve test.

There are no other items to report.

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1

DATE 2/5/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JANUARY 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	744	744	246576
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	212676.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	210718.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1222440	1222440	335991696
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426500	426500	111632750
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406257	406257	105096764
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	84.0
22. UNIT CAPACITY FACTOR ( DER NET)	101.9	101.9	80.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

# NRC MONTHLY REPORT

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**UNIT PRAIRIE ISLAND NO. 1**  
DATE 2/5/2002  
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PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/19/2002	1	S	0	B	5	N/A	N/A	N/A
<b>NOTES:</b>		Turbine valve test.						

<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 2/5/2002

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JANUARY 2002**

During the month of January, Unit 2 was base loaded. There were no shutdowns. The Unit started coastdown operations on the 18th. The refueling outage is scheduled to start on February 2, 2002.

There are no other items to report.

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

DATE 2/5/2002

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

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: JANUARY 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	744	744	237694
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	210742.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	209072.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1195623	1195623	334392421
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	416430	416430	110226810
18. NET ELECTRICAL ENERGY GENERATED (MWH)	396675	396675	104230545
19. UNIT SERVICE FACTOR	100.0	100.0	88.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.0
21. UNIT CAPACITY FACTOR ( MDC NET)	102.1	102.1	86.9
22. UNIT CAPACITY FACTOR ( DER NET)	99.5	99.5	82.6
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: JANUARY 2002**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/18/2002	2	S	0	C	5	N/A	N/A	N/A

**NOTES:** Coastdown operation. Refueling will start in February.

<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		