



Mano K. Nazar
Site Vice President
Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC
1717 Wakonade Dr. East • Welch MN 55089

January 13, 2003

L-PI-03-0010
Technical Specifications 5.6.4

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
December 2002

Attached is the Monthly Operating Report for December 2002 for the Prairie Island Nuclear Generating Plant. The Nuclear Management Company has not made new or revised existing Nuclear Regulatory Commission commitments in this letter or the attachment.

Mano K. Nazar
Site Vice President
Prairie Island Nuclear Generating Plant

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

Attachment: Monthly Operating Report; December 2002

JEa4

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 1/9/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 2002

During the first week of December, Unit 1 continued in a refueling outage that started on the 15th of November.

The Reactor went critical on the 5th at 1258 and the Generator was placed on-line on the 6th at 1709, ending the outage.

The Unit slowly ascended in power, per procedures, and reached full power on the 8th at 1130.

There are no other items to report.

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

DATE 1/9/2003
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 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	8760	254592
12. NUMBER OF HOURS REACTOR CRITICAL	635.0	8287.3	220219.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	616.7	8269.0	218243.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	965930	13516522	348285778
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	335660	4619680	115825930
18. NET ELECTRICAL ENERGY GENERATED (MWH)	317923	4373234	109063741
19. UNIT SERVICE FACTOR	82.9	94.4	85.7
20. UNIT AVAILABILITY FACTOR	82.9	94.4	85.7
21. UNIT CAPACITY FACTOR (MDC NET)	81.9	95.6	84.4
22. UNIT CAPACITY FACTOR (DER NET)	79.7	93.1	80.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

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UNIT PRAIRIE ISLAND NO. 1

DATE 1/9/2003
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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/1/2002	1	S	127.3	C	4	N/A	N/A	N/A
NOTES:		Refueling outage (started on 11-15-02).						
12/8/2002	1	S	0	C	5	N/A	N/A	N/A
NOTES:		Power ascension from refueling outage.						

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY

E-OPERATOR TRAINING
AND

LICENSE EXAMINATION
F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED

9-OTHER

SYSTEM CODE

DRAFT IEEE STD
800-1984(P805-D5)

COMPONENT CODE

IEEE STD 803A-1983

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 1/9/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 2002

During the month of December, Unit 2 was base loaded. There were no shutdowns or power reductions.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 304 DAYS

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 1/9/2003
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 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) 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	8760	245710
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	8106.1	218104.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	8082.9	216411.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225616	13214286	346411084
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426240	4536430	114346810
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406601	4296033	108129903
19. UNIT SERVICE FACTOR	100.0	92.3	88.1
20. UNIT AVAILABILITY FACTOR	100.0	92.3	88.1
21. UNIT CAPACITY FACTOR (MDC NET)	104.7	93.9	87.1
22. UNIT CAPACITY FACTOR (DER NET)	102.0	91.5	82.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/31/2002	2	N/A	0			N/A	N/A	N/A

NOTES: None.

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY

E-OPERATOR TRAINING
AND

LICENSE EXAMINATION
F-ADMINISTRATIVE

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