



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

November 13, 2002

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**  
**October 2002**

Attached is the Monthly Operating Report for October 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; October 2002

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**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
**DATE 11/5/2002**  
**COMPLETED BY DALE DUGSTAD**  
**PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: OCTOBER 2002**

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

This reporting period had 745 hours due to the time change of Daylight Savings Time.

There are no other items to report.

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
 DATE 11/5/2002  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: OCTOBER 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	745	7296	253128
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	7296.0	219228.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	745.0	7296.0	217270.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224473	11984591	346753847
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	421790	4088950	115295200
18. NET ELECTRICAL ENERGY GENERATED (MWH)	401398	3870522	108561029
19. UNIT SERVICE FACTOR	100.0	100.0	85.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.8
21. UNIT CAPACITY FACTOR ( MDC NET)	103.2	101.6	84.5
22. UNIT CAPACITY FACTOR ( DER NET)	100.5	99.0	80.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

**NRC MONTHLY REPORT**

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DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 11/5/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: OCTOBER 2002**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/31/2002	1	N/A	0			N/A	N/A	N/A
NOTES:		None for October.						

<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 11/5/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: OCTOBER 2002**

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

A turbine valve test was conducted on the 27th of October.

This reporting period had 745 hours due to the time change of Daylight Savings Time.

There are no other items to report.

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
DATE 11/5/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: OCTOBER 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	745	7296	244246
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	6642.1	216640.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	745.0	6618.9	214947.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1221541	10802787	343999585
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425300	3697410	113507790
18. NET ELECTRICAL ENERGY GENERATED (MWH)	405529	3496021	107329891
19. UNIT SERVICE FACTOR	100.0	90.7	88.0
20. UNIT AVAILABILITY FACTOR	100.0	90.7	88.0
21. UNIT CAPACITY FACTOR ( MDC NET)	104.3	91.8	87.0
22. UNIT CAPACITY FACTOR ( DER NET)	101.6	89.4	82.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

DOCKET NO. 50-308  
UNIT PRAIRIE ISLAND NO. 2  
DATE 11/5/2002  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/27/2002	2	S	0	B	5	N/A	N/A	N/A

NOTES: 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		