



June 6, 2003

L-PI-03-0060  
Technical Specification 5.6.4

U S Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

**PRAIRIE ISLAND NUCLEAR GENERATING PLANT**  
DOCKETS. 50-282 AND 50-306  
LICENSE NOS. DPR-42 AND DPR-60  
MONTHLY OPERATING REPORT- May 2003

Attached is the Monthly Operating Report for May 2003 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.

Joseph M. Solymossy  
Site Vice President, Prairie Island Nuclear Generating Plant

CC Regional Administrator, USNRC, Region III  
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR  
NRC Resident Inspector, Prairie Island Nuclear Generating Plant  
Glenn Wilson, State of Minnesota

Attachment: NRC Monthly Report; May 2003

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**DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 6/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: MAY 2003**

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

There are no other items to report.

**CURRENT CONTINUOUS OPERATING RUN OF 41 DAYS**

**DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 6/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376**

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: MAY 2003
- 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	3623	258215
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	3623.0	223842.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	3482.6	221726.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224462	5694815	353980593
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	415640	1968490	117794420
18. NET ELECTRICAL ENERGY GENERATED (MWH)	391840	1865805	110929546
19. UNIT SERVICE FACTOR	100.0	96.1	85.9
20. UNIT AVAILABILITY FACTOR	100.0	96.1	85.9
21. UNIT CAPACITY FACTOR ( MDC NET)	100.9	98.7	84.6
22. UNIT CAPACITY FACTOR ( DER NET)	98.3	96.1	80.9
23. UNIT FORCED OUTAGE RATE	0.0	3.9	4.6
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

**DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 6/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376**

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: MAY 2003**

<b>DATE</b>	<b>UNIT TYPE</b>	<b>HOURS</b>	<b>REASON</b>	<b>METHOD</b>	<b>LER NUMBER</b>	<b>SYSTEM</b>	<b>COMPONENT</b>
5/31/2003	1 N/A	0			N/A	N/A	N/A
<b>NOTES:</b>	None.						

**TYPE**

F-FORCED

S-SCHEDULED

**REASON**

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

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 LOAD

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 6/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: MAY 2003**

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

There are no other items to report.

**CURRENT CONTINUOUS OPERATING RUN OF 455 DAYS**

**DOCKET NO. 50-306  
 UNIT PRAIRIE ISLAND NO. 2  
 DATE 6/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376**

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: MAY 2003
- 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	3623	249333
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	3623.0	221727.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	3623.0	220034.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1223579	5925341	352336425
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	415720	2044840	116391650
18. NET ELECTRICAL ENERGY GENERATED (MWH)	392061	1942516	110072419
19. UNIT SERVICE FACTOR	100.0	100.0	88.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.2
21. UNIT CAPACITY FACTOR ( MDC NET)	101.0	102.7	87.3
22. UNIT CAPACITY FACTOR ( DER NET)	98.3	100.0	83.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 6/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MAY 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
5/31/2003	2	N/A	0			N/A	N/A	N/A
NOTES: None.								

<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		