



Prairie Island Nuclear Generating Plant  
Operated by Nuclear Management Company, LLC

September 9, 2003

L-PI-03-086  
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- AUGUST 2003

Attached is the Monthly Operating Report for August 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; August 2003

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# NRC MONTHLY REPORT

PRINTED 9/3/2003

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 9/3/2003

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

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

### MONTH: AUGUST 2003

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 133 DAYS

DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 9/3/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

**OPERATING DATA REPORT****OPERATING STATUS**

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: 0 AUGUST 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): 654
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	5831	260423
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5831.0	226050.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5690.6	223934.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1217337	9308147	357593925
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	410480	3187740	119013670
18. NET ELECTRICAL ENERGY GENERATED (MWH)	386312	3013322	112077063
19. UNIT SERVICE FACTOR	100.0	97.6	86.0
20. UNIT AVAILABILITY FACTOR	100.0	97.6	86.0
21. UNIT CAPACITY FACTOR ( MDC NET)	99.5	99.0	84.7
22. UNIT CAPACITY FACTOR ( DER NET)	96.9	96.4	81.0
23. UNIT FORCED OUTAGE RATE	0.0	2.4	4.5
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 9/3/2003

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PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/31/2003	1	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 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-D6)

### COMPONENT CODE

IEEE STD 803A-1983

# NRC MONTHLY REPORT

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 9/3/2003

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

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

### MONTH: AUGUST 2003

OPERATIONAL

During the month of August, Unit 2 was base loaded. There were no shutdowns.

UNIT NAME: UNIT 2

Coastdown operation began on the 20th at 1443.

UNIT NAME: UNIT 2

DESIGN: CANDU

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There are no other items to report.

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CURRENT CONTINUOUS OPERATING RUN OF 647 DAYS

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 9/3/2003

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

## OPERATING DATA REPORT

UNIT PRAIRIE ISLAND NO. 2

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2

2. REPORTING PERIOD: AUGUST 2003

3. LICENSED THERMAL POWER (MWT): 1850

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	5831	251541
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5831.0	223935.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	5831.0	222242.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1206259	9539025	355950109
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	404630	3260340	117607150
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380845	3087363	111217266
19. UNIT SERVICE FACTOR	100.0	100.0	88.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.4
21. UNIT CAPACITY FACTOR ( MDC NET)	98.1	101.4	87.4
22. UNIT CAPACITY FACTOR ( DER NET)	95.5	98.8	83.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 9/3/2003

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/31/2003	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 RESTRICTION

E-OPERATOR TRAINING AND  
LICENSE EXAMINATION

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