



July 11, 2003

L-PI-03-066  
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- JUNE 2003**

Attached is the Monthly Operating Report for June 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; June, 2003

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DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 7/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 851-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2003**

**OPERATING HIGHLIGHTS**

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

UNIT 1 OPERATING HIGHLIGHTS: NONE

OTHER OPERATING HIGHLIGHTS: NONE

There are no other items to report.

UNIT 1 OPERATING HIGHLIGHTS: NONE

UNIT 1 OPERATING HIGHLIGHTS: NONE

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UNIT 1 OPERATING HIGHLIGHTS: NONE

UNIT 1 OPERATING HIGHLIGHTS: NONE

UNIT 1 OPERATING HIGHLIGHTS: NONE

DESCRIPTION	UNIT 1	UNIT 2	TOTAL
1. FUEL CONSUMPTION (GROSS)	7.0	7.0	14.0
2. FUEL CONSUMPTION (NET)	6.5	6.5	13.0
3. FUEL CONSUMPTION (NET) PER KW-HR	0.015	0.015	0.015
4. UNIT RESERVE SHUTDOWN TIME (HRS)	0.0	0.0	0.0
5. GROSS THERMAL ENERGY GENERATED (MMBtu)	1,500	1,500	3,000
6. NET ELECTRIC ENERGY GENERATED (MWh)	1,000	1,000	2,000
7. UNIT EFFICIENCY (%)	66.7	66.7	66.7
8. UNIT CAPACITY FACTOR (%)	100	100	100
9. UNIT OPERATING HOURS (DAYS)	31	31	62
10. UNIT OPERATING HOURS (HRS)	744	744	1,488
11. UNIT OPERATING HOURS (MIN)	0	0	0
12. UNIT OPERATING HOURS (SEC)	0	0	0
13. UNIT OPERATING HOURS (MSEC)	0	0	0

DOCKET NO. 60-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 7/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4378

**OPERATING DATA REPORT**

**OPERATING STATUS:**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JUNE 2003
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 636
- 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	720	4343	258935
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4343.0	224562.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	4202.6	222446.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1181712	6876527	355162305
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397700	2386190	118192120
18. NET ELECTRICAL ENERGY GENERATED (MWH)	374330	2240135	111303876
19. UNIT SERVICE FACTOR	100.0	96.8	85.9
20. UNIT AVAILABILITY FACTOR	100.0	96.8	85.9
21. UNIT CAPACITY FACTOR ( MDC NET)	99.6	96.8	84.6
22. UNIT CAPACITY FACTOR ( DER NET)	97.0	96.2	80.9
23. UNIT FORCED OUTAGE RATE	0.0	0.2	4.5
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

25. REASON FOR FORCED OUTAGE: NONE  
 26. REASON FOR FORCED OUTAGE: NONE  
 27. REASON FOR FORCED OUTAGE: NONE  
 28. REASON FOR FORCED OUTAGE: NONE  
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 97. REASON FOR FORCED OUTAGE: NONE  
 98. REASON FOR FORCED OUTAGE: NONE  
 99. REASON FOR FORCED OUTAGE: NONE  
 100. REASON FOR FORCED OUTAGE: NONE

**NRC MONTHLY REPORT**

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DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 7/2/2003  
 COMPLETED BY DALE DUGSTAD  
 PHONE 851-388-1121-4376

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

MONTH: JUNE 2003

**MONTH: JUNE 2003**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2003	1	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 600-1984(P005-D5)
G-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	6-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

**DOCKET NO. 60-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2003**

**OPERATING STATUS**

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

- 1. PLANT OPERATIONS
- 2. LICENSED PERSONNEL
- 3. REGULATORY BURDEN

**There are no other items to report.**

- 4. PLANT MAINTENANCE SCHEDULE
- 5. PLANT MAINTENANCE SCHEDULE
- 6. PLANT MAINTENANCE SCHEDULE

7. PLANT MAINTENANCE SCHEDULE

8. PLANT MAINTENANCE SCHEDULE

	Actual	Target	Quality
1. PLANT OPERATIONS	100%	100%	100%
2. LICENSED PERSONNEL	100%	100%	100%
3. REGULATORY BURDEN	100%	100%	100%
4. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
5. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
6. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
7. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
8. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
9. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
10. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
11. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
12. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
13. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
14. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
15. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
16. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
17. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
18. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
19. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
20. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
21. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
22. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
23. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
24. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
25. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
26. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
27. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
28. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
29. PLANT MAINTENANCE SCHEDULE	100%	100%	100%
30. PLANT MAINTENANCE SCHEDULE	100%	100%	100%

**CURRENT CONTINUOUS OPERATING RUN OF 485 DAYS**

DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS:**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: JUNE 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	720	4343	250053
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4343.0	222447.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	4343.0	220754.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1183846	7109187	353520271
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	398810	2443650	116790460
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375711	2318227	110448130
19. UNIT SERVICE FACTOR	100.0	100.0	88.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.3
21. UNIT CAPACITY FACTOR ( MDC NET)	100.0	102.3	87.9
22. UNIT CAPACITY FACTOR ( DER NET)	97.4	99.8	83.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

REPORTED BY: [Faded]  
 CHECKED BY: [Faded]  
 APPROVED BY: [Faded]  
 DATE: [Faded]  
 TIME: [Faded]

# NRC MONTHLY REPORT

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DOCKET NO. 60-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2003	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
6-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P605-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	6-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		