



May 14, 2003

L-PI-03-0053
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- APRIL 2003; MARCH 2003-UPDATE

Attached is the Monthly Operating Report for April 2003 for the Prairie Island Nuclear Generating Plant. Also attached is a revised Monthly Operating Report (page 2 for Unit 1) for March 2003. This report is being revised due to a data error discovered during the data entry for the April report. The core loading constant for March, Unit 1 was incorrect. This value was corrected and the March report was re-run. The affected values for the March report were the gross thermal energy generated numbers, monthly, year to date, and cumulative (line 16 of the report).

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: (1) NRC Monthly Report; April 2003
(2) NRC Monthly Report; March 2003- Update

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 5/8/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2003

During the month of April, Unit 1 was base loaded. There was one shutdown during the month.

On the 14th at 2250, Operations started to decrease the load on the turbine due to an oil leak on the main transformer (1GT). The generator was taken off-line on the 15th at 0151 and the reactor remained in Mode 2. The oil leak was from the relief valve on the conservator tank and an oil cooler. After repairs were complete the generator was placed on-line on the 20th at 2213.

There are 719 hours during this month due to daylight saving time change.

There are no other items to report.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 5/8/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: APRIL 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): 545
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
- 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	719	2879	257471
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2879.0	223098.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	578.6	2738.6	220982.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	948627	4470353	352756131
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	325840	1552850	117378780
18. NET ELECTRICAL ENERGY GENERATED (MWH)	305093	1473965	110537706
19. UNIT SERVICE FACTOR	80.5	95.1	85.8
20. UNIT AVAILABILITY FACTOR	80.5	95.1	85.8
21. UNIT CAPACITY FACTOR (MDC NET)	82.7	98.1	84.5
22. UNIT CAPACITY FACTOR (DER NET)	79.2	95.5	80.8
23. UNIT FORCED OUTAGE RATE	19.5	4.9	4.6
24. FORCED OUTAGE HOURS	140.4	140.4	10603.1

NRC MONTHLY REPORT

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 5/8/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/15/2003	1	F	140.4	A	1	N/A	N/A	N/A
NOTES:		1GT oil leak.						

<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 5/8/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2003

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

On the 5th at 2004, operations started a load reduction for turbine valve testing and condenser water box cleaning. This was a planned event. When operations started to ramp up in power, 22 circulating water pump would not start (locked out). This delayed the start up by approximately 1.5 hours. This was an un-planned event. 22 circulating pump was repaired and the power ascension resumed. The Unit returned to full power operation on the 6th at 2245.

There are 719 hours during this month due to daylight saving time change.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
 DATE 5/8/2003
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: APRIL 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	719	2879	248589
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2879.0	220983.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	719.0	2879.0	219290.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1164488	4701762	351112846
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	400790	1629120	115975930
18. NET ELECTRICAL ENERGY GENERATED (MWH)	379274	1550455	109680358
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)	101.1	103.2	87.3
22. UNIT CAPACITY FACTOR (DER NET)	98.4	100.5	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
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DATE 5/8/2003
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/5/2003	2	S	0	B	5	N/A	N/A	N/A

NOTES: Turbine valve testing & condenser water box cleaning.

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

DATE 5/8/2003

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

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: MARCH 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): 545
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
- 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	2160	256752
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	2160.0	222379.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	2160.0	220403.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1192908	3521726	351807504
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	415140	1227010	117052940
18. NET ELECTRICAL ENERGY GENERATED (MWH)	395246	1168872	110232613
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)	103.6	103.7	84.5
22. UNIT CAPACITY FACTOR (DER NET)	99.1	101.0	80.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7