



AUG 16 2004

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Technical Specification 5.6.4

U S Nuclear Regulatory Commission
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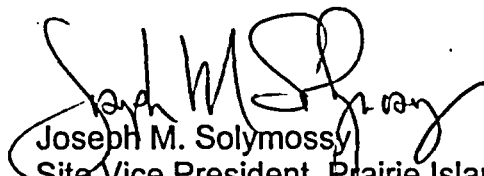
Prairie Island Nuclear Generating Plant Units 1 and 2
Dockets 50-282 and 50-306
License Nos. DPR-42 and DPR-60

Monthly Operating Report – July 2004

Attached is the Monthly Operating Report for July 2004 for the Prairie Island Nuclear Generating Plant.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.



Joseph M. Solymosy
Site Vice President, Prairie Island Nuclear Generating Plant Units 1 and 2
Nuclear Management Company, LLC

Enclosure (1)

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

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 8/4/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JULY 2004

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

There are no other items to report.

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 8/4/2004
 COMPLETED BY BRIAN GLENNIE
 PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JULY 2004
- 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	5111	268463
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5111.0	234090.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5111.0	231974.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224462	8312702	370713886
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413800	2837300	121516800
18. NET ELECTRICAL ENERGY GENERATED (MWH)	389632	2684100	114444188
19. UNIT SERVICE FACTOR	100.0	100.0	86.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.4
21. UNIT CAPACITY FACTOR (MDC NET)	100.3	100.6	83.8
22. UNIT CAPACITY FACTOR (DER NET)	97.7	98.0	80.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JULY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/2004	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

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

H-OTHER

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 8/4/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JULY 2004

During the month of July, Unit 2 was base loaded. There was one power reduction and no shutdowns. On July 8th there was an inadvertant boration of U2 RCS during performance of WO 040622 that caused a power reduction of approximately 12%. A control valve was found to be slightly open because of a mal-adjusted stop nut which allowed boric acid into the VCT. The nut was reset to allow the valve to close properly and the unit returned to power with in 5 hours from event start. U2 lost 223 MW-hr. Event start-15:06:30. Event end-19:51:13.

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2**

DATE 8/4/2004

**COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442**

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: JULY 2004
- 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	5111	259581
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5111.0	231335.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	5111.0	229581.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1223867	8386699	367866667
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	412330	2874860	119701290
18. NET ELECTRICAL ENERGY GENERATED (MWH)	388445	2724084	113194958
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)	100.0	102.1	86.1
22. UNIT CAPACITY FACTOR (DER NET)	97.4	99.4	82.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

NRC MONTHLY REPORT

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JULY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/8/2004	2	F	0	A	5	N/A	VC	2VC-15-38

NOTES: Inadvertant boration of U2 RCS during performance of WO 0406222.

<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		