



L-PI-04-038  
Technical Specification 5.6.4

**MAR 15 2004**

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- FEBRUARY 2004

Attached is the Monthly Operating Report for February 2004 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, February 2004

**DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 3/3/2004  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: FEBRUARY 2004**

During the month of February Unit 1 was base loaded. There was one power reduction and not any shutdowns.

On the 20th, the output of Unit 1 was reduced to less than 50% to allow condenser water box cleaning, amertap screen repair/cleaning, turbine control valve operating adjustment and to search for a condenser leak. All of this work was completed and the Unit returned to 100% power on the 23rd of February.

Because of the leap year this month has 696 hours.

There are no other items to report.

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 3/3/2004  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: FEBRUARY 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	696	1440	264792
12. NUMBER OF HOURS REACTOR CRITICAL	696.0	1440.0	230419.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	696.0	1440.0	228303.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1097232	2321694	364722878
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	380440	806280	119485780
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362018	767761	112527849
19. UNIT SERVICE FACTOR	100.0	100.0	86.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.2
21. UNIT CAPACITY FACTOR ( MDC NET)	99.6	102.1	83.6
22. UNIT CAPACITY FACTOR ( DER NET)	97.0	99.5	80.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

# NRC MONTHLY REPORT

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UNIT PRAIRIE ISLAND NO. 1  
DATE 3/3/2004  
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PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: FEBRUARY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
2/20/2004	1	S	0	B	5	N/A	N/A	N/A
NOTES:		Condenser work, turbine valve testing						

<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		

DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 3/3/2004  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: FEBRUARY 2004**

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

Because of the leap year this month has 696 hours.

There are no other items to report.

DOCKET NO. 50-306  
 UNIT PRAIRIE ISLAND NO. 2  
 DATE 3/3/2004  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: FEBRUARY 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	696	1440	255910
12. NUMBER OF HOURS REACTOR CRITICAL	696.0	1440.0	227664.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	696.0	1440.0	225910.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1145401	2371306	361851274
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	398720	824800	117651230
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380254	786588	111257462
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)	104.7	104.6	85.9
22. UNIT CAPACITY FACTOR ( DER NET)	101.9	101.9	81.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

DOCKET NO. 50-306  
 UNIT PRAIRIE ISLAND NO. 2  
 DATE 3/3/2004  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: FEBRUARY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
2/29/2004	2	N/A				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
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		