



**Northern States Power Company**

**Prairie Island Nuclear Generating Plant**

1717 Wakonade Dr. East  
Welch, Minnesota 55089

July 6, 2000

Technical Specifications 6.7.A.3

US Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

**PRAIRIE ISLAND NUCLEAR GENERATING PLANT**  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

**Monthly Operating Report**  
**June, 2000**

Attached is the Monthly Operating Report for June, 2000 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen  
Site General Manager  
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
NRC Resident Inspector  
State of Minnesota – James Bernstein

Attachment

*JE24*

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 7/5/2000  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2000**

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 400 DAYS

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
 DATE 7/5/2000  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JUNE 2000
- 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	4367	232655
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4367.0	200855.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	4367.0	198950.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184386	7162229	316867122
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	401100	2469410	105035000
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378041	2340368	98852629
19. UNIT SERVICE FACTOR	100.0	100.0	85.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.5
21. UNIT CAPACITY FACTOR ( MDC NET)	100.6	102.7	83.9
22. UNIT CAPACITY FACTOR ( DER NET)	98.0	100.0	80.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

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 UNIT PRAIRIE ISLAND NO. 1  
 DATE 7/5/2000  
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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: JUNE 2000**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2000	1	N/A	0					
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		

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
DATE 7/5/2000  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2000**

During the month of June, Unit 2 continued in a refueling outage. This outage started on April 28th at 2240.

Unit 2 entered Mode 2 operations when the reactor was made critical. This happened on the 6th at 1232. The Unit was placed on line on the 7th at 2124. As scheduled, the Unit went off line on the 8th at 1007 for the remaining outage activities (testing). At 1403 of the 8th, the Unit was placed back on line. The Unit reached full power operation on the 10th at 2133.

There are no other items to report.

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
DATE 7/5/2000  
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 2000
- 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	4367	223773
12. NUMBER OF HOURS REACTOR CRITICAL	587.5	3441.2	197489.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	550.7	3404.4	195879.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	848507	5543304	312830610
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	286490	1914180	102799120
18. NET ELECTRICAL ENERGY GENERATED (MWH)	266125	1811301	97195073
19. UNIT SERVICE FACTOR	76.5	78.0	87.5
20. UNIT AVAILABILITY FACTOR	76.5	78.0	87.5
21. UNIT CAPACITY FACTOR ( MDC NET)	70.8	79.5	86.2
22. UNIT CAPACITY FACTOR ( DER NET)	69.0	77.4	81.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: JUNE 2000**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/8/2000	2	S	169.3	C	4	N/A	N/A	N/A

NOTES: End of Refueling outage, started on 4-28-00 @ 2240.

<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		