



**Northern States Power Company**

**Prairie Island Nuclear Generating Plant**

1717 Wakonade Dr. East  
Welch, Minnesota 55089



August 4, 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  
July, 2000**

Attached is the Monthly Operating Report for July, 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

IE24

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 8/2/2000  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JULY 2000**

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 431 DAYS

DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 8/2/2000  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JULY 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	744	5111	233399
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5111.0	201599.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5111.0	199694.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224035	8386264	318091157
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414180	2883590	105449180
18. NET ELECTRICAL ENERGY GENERATED (MWH)	390053	2730421	99242682
19. UNIT SERVICE FACTOR	100.0	100.0	85.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.6
21. UNIT CAPACITY FACTOR ( MDC NET)	100.4	102.3	84.0
22. UNIT CAPACITY FACTOR ( DER NET)	97.8	99.7	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 SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: JULY 2000**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/2000	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 8/2/2000  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JULY 2000**

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

There are no other items to report.

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
 DATE 8/2/2000  
 COMPLETED BY DALE DUGSTAD  
 PHONE 651-388-1121-4376

**OPERATING DATA REPORT**

**OPERATING STATUS**

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: JULY 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	744	5111	224517
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	4185.2	198233.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	4148.4	196623.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1226072	6769376	314056682
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414180	2328360	103213300
18. NET ELECTRICAL ENERGY GENERATED (MWH)	389976	2201277	97585049
19. UNIT SERVICE FACTOR	100.0	81.2	87.6
20. UNIT AVAILABILITY FACTOR	100.0	81.2	87.6
21. UNIT CAPACITY FACTOR ( MDC NET)	100.4	82.5	86.3
22. UNIT CAPACITY FACTOR ( DER NET)	97.8	80.4	82.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

DOCKET NO. 50-306  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JULY 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/2000	2	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		