



**Nuclear Management Company, LLC**  
**Prairie Island Nuclear Generating Plant**  
1717 Wakonade Dr. East • Welch MN 55089

July 16, 2001

Technical Specifications 6.6.D

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, 2001**

Attached is the Monthly Operating Report for June, 2001 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen  
Site Vice President  
Prairie Island Nuclear Generating Plant

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

Attachment

IE24

# NRC MONTHLY REPORT

PRINTED 7/3/2001

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

### MONTH: JUNE 2001

During the month of June, Unit 1 was base loaded. There were no shutdowns and only one power reduction.

On the 17th, power was reduced for a turbine valve test.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 125 DAYS

# NRC MONTHLY REPORT

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## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 2001
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	4343	241415
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	3487.6	208482.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	3453.6	206536.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1183826	5529232	329142778
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	400860	1905570	109262480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	377528	1801794	102850560
19. UNIT SERVICE FACTOR	100.0	79.5	85.6
20. UNIT AVAILABILITY FACTOR	100.0	79.5	85.6
21. UNIT CAPACITY FACTOR ( MDC NET)	100.4	79.5	84.0
22. UNIT CAPACITY FACTOR ( DER NET)	97.8	77.4	80.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

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UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/2001

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PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/17/2001	1	S	0	B	5	N/A	N/A	N/A
<b>NOTES:</b>		Turbine valve test.						

### 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

H-OTHER

### 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

**DOCKET NO. 50-306**

**UNIT PRAIRIE ISLAND NO. 2**

**DATE 7/3/2001**

**COMPLETED BY DALE DUGSTAD**

**PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2001**

During the first few days of June, Unit 2 continued in a shutdown that started on May 9th. The shutdown was required because both diesel generators for Unit 2 were declared out of service. The diesel problem was due to a lube oil, fuel oil incompatibility issue.

After the lube oil, fuel oil incompatibility was corrected, the reactor was taken critical on the 4th at 1822. The generator went on-line on the 6th at 0319. The Unit returned to full power operation on the 7th at 0339.

This outage ended a continuous operating run of approximately 335 days.

There are no other items to report.

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 7/3/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JUNE 2001
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	4343	232533
12. NUMBER OF HOURS REACTOR CRITICAL	629.6	3720.7	205626.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	596.7	3687.8	203984.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	957107	6013637	326105272
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	321560	2079070	107377020
18. NET ELECTRICAL ENERGY GENERATED (MWH)	299425	1965931	101528837
19. UNIT SERVICE FACTOR	82.9	84.9	87.7
20. UNIT AVAILABILITY FACTOR	82.9	84.9	87.7
21. UNIT CAPACITY FACTOR ( MDC NET)	79.7	86.7	86.6
22. UNIT CAPACITY FACTOR ( DER NET)	77.6	84.5	82.3
23. UNIT FORCED OUTAGE RATE	17.1	15.1	3.0
24. FORCED OUTAGE HOURS	123.3	655.2	6318.0

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/1/2001	2	F	123.3	A	4	2-01-03	N/A	N/A

NOTES: D5/D6 not operable per Tech Specs, due to lube oil/fuel oil problem.

### TYPE

F-FORCED

S-SCHEDULED

### REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND  
LICENSE EXAMINATION

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