



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

August 3, 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**  
**July, 2001**

Attached is the Monthly Operating Report for July, 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

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
DATE 8/2/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JULY 2001**

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 156 DAYS

**DOCKET NO. 50-282**  
**UNIT PRAIRIE ISLAND NO. 1**  
 DATE 8/2/2001  
 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 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	744	5087	242159
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	4231.6	209226.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	4197.6	207280.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225489	6754721	330368267
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413910	2319480	109676390
18. NET ELECTRICAL ENERGY GENERATED (MWH)	389713	2191507	103240273
19. UNIT SERVICE FACTOR	100.0	82.5	85.6
20. UNIT AVAILABILITY FACTOR	100.0	82.5	85.6
21. UNIT CAPACITY FACTOR ( MDC NET)	100.3	82.5	84.1
22. UNIT CAPACITY FACTOR ( DER NET)	97.7	80.4	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 SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: JULY 2001**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/2001	1	N/A	0			N/A	N/A	N/A
<b>NOTES:</b>		None.						

<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 8/2/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JULY 2001**

During the month of July, Unit 2 was base loaded.  
There were no shutdowns and only one power reduction.

On the 27th the Unit started to reduce load to allow condenser waterbox and tube cleaning. During this time a turbine valve test was also completed. The Unit returned to base load operation on the 29th.

There are no other items to report.

**DOCKET NO. 50-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
DATE 8/2/2001  
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 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	744	5087	233277
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	4464.7	206370.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	4431.8	204728.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1191563	7205200	327296835
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	399190	2478260	107776210
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375369	2341300	101904206
19. UNIT SERVICE FACTOR	100.0	87.1	87.8
20. UNIT AVAILABILITY FACTOR	100.0	87.1	87.8
21. UNIT CAPACITY FACTOR ( MDC NET)	96.7	88.2	86.6
22. UNIT CAPACITY FACTOR ( DER NET)	94.1	85.9	82.3
23. UNIT FORCED OUTAGE RATE	0.0	12.9	3.0
24. FORCED OUTAGE HOURS	0.0	655.2	6318.0

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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**MONTH: JULY 2001**

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/27/2001	2	S	0	B	5	N/A	N/A	N/A

NOTES: Condenser tube & water box cleaning, 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		