

**Prairie Island Nuclear Generating Plant**  
1717 Wakonade Dr. East • Welch MN 55089

December 7, 2001

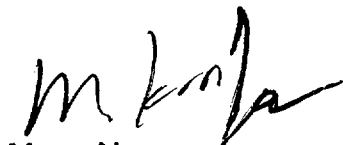
Technical Specifications 6.6.D

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**  
**November, 2001**

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



Mano Nazar  
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

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# NRC MONTHLY REPORT

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DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 12/5/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

### MONTH: NOVEMBER 2001

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 80 DAYS

DOCKET NO. 50-282  
 UNIT PRAIRIE ISLAND NO. 1  
 DATE 12/5/2001  
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### OPERATING DATA REPORT

#### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: NOVEMBER 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	8016	245088
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6193.5	211188.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6147.7	209230.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185859	9932253	333545799
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413300	3422790	110779700
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394146	3235430	104284196
19. UNIT SERVICE FACTOR	100.0	76.7	85.4
20. UNIT AVAILABILITY FACTOR	100.0	76.7	85.4
21. UNIT CAPACITY FACTOR ( MDC NET)	104.9	77.3	83.9
22. UNIT CAPACITY FACTOR ( DER NET)	102.1	75.3	80.2
23. UNIT FORCED OUTAGE RATE	0.0	13.7	4.8
24. FORCED OUTAGE HOURS	0.0	978.9	10462.7

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 12/5/2001

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PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/30/2001	1	N/A	0			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		

**DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2**

**DATE 12/5/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: NOVEMBER 2001**

For the majority of November, Unit 2 was base loaded. There was one shutdown for the month.

The Unit began the month in a forced outage that started on October 31st. The outage was caused by a loss of vacuum to the condensers while trying to repair CV-31385, 21 AIR EJECTOR MS SPLY CV. After repairs were completed the reactor went critical on the 2nd at 1152 and the generator was placed on-line on the 3rd at 1454. The Unit reached full power operation on the 4th at 0916.

This ended a continuous operating run of approximately 146 days.

There are no other items to report.

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DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO. 2

DATE 12/5/2001

COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: NOVEMBER 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	8016	236206
12. NUMBER OF HOURS REACTOR CRITICAL	684.1	7348.0	209254.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	657.1	7288.1	207584.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1061648	11881121	331972756
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	369620	4086500	109384450
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351076	3864873	103427779
19. UNIT SERVICE FACTOR	91.3	90.9	87.9
20. UNIT AVAILABILITY FACTOR	91.3	90.9	87.9
21. UNIT CAPACITY FACTOR ( MDC NET)	93.4	92.4	86.8
22. UNIT CAPACITY FACTOR ( DER NET)	91.0	90.0	82.5
23. UNIT FORCED OUTAGE RATE	8.7	9.1	3.0
24. FORCED OUTAGE HOURS	62.9	727.9	6390.7

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DATE 12/5/2001

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/1/2001	2	F	62.9	A	4	N/A	N/A	N/A

**NOTES:** Lost vacuum while attempting to repair CV-31385.

### 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