

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

January 8, 2002

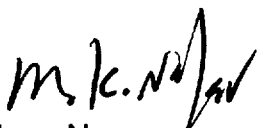
Technical Specifications 6.6.D

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**  
**December, 2001**

Attached is the Monthly Operating Report for December, 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

IE24

# NRC MONTHLY REPORT

PRINTED 1/2/2002

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 1/2/2002

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

### MONTH: DECEMBER 2001

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

On the 2nd, the Unit reduced power to conduct a turbine valve test.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 111 DAYS

# NRC MONTHLY REPORT

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DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1

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## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: DECEMBER 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	8760	245832
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	6937.5	211932.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	6891.7	209974.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1223457	11155710	334769256
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426550	3849340	111206250
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406311	3641741	104690507
19. UNIT SERVICE FACTOR	100.0	78.7	85.4
20. UNIT AVAILABILITY FACTOR	100.0	78.7	85.4
21. UNIT CAPACITY FACTOR ( MDC NET)	104.6	79.6	84.0
22. UNIT CAPACITY FACTOR ( DER NET)	101.9	77.6	80.2
23. UNIT FORCED OUTAGE RATE	0.0	12.4	4.7
24. FORCED OUTAGE HOURS	0.0	978.9	10462.7

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DATE 1/2/2002

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/2/2001	1	S	0	B	5	N/A	N/A	N/A
NOTES:		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 1/2/2002**

**COMPLETED BY DALE DUGSTAD**

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

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: DECEMBER 2001**

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 58 DAYS

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 1/2/2002

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## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 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	8760	236950
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	8092.0	209998.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	8032.1	208328.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224042	13105163	333196798
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425930	4512430	109810380
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406091	4270964	103833870
19. UNIT SERVICE FACTOR	100.0	91.7	87.9
20. UNIT AVAILABILITY FACTOR	100.0	91.7	87.9
21. UNIT CAPACITY FACTOR ( MDC NET)	104.6	93.4	86.8
22. UNIT CAPACITY FACTOR ( DER NET)	101.8	91.0	82.6
23. UNIT FORCED OUTAGE RATE	0.0	8.3	3.0
24. FORCED OUTAGE HOURS	0.0	727.9	6390.7

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DATE 1/2/2002

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/31/2001	2	N/A	0			N/A	N/A	N/A
NOTES: None.								

### 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

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