



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

February 6, 2001

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**  
**January 2001**

Attached is the Monthly Operating Report for January, 2001 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 2/5/2001**

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

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JANUARY 2001**

During the month of January, Unit 1 was base loaded, however, it was in coastdown operation. The refueling outage started on the 19th at 2136 when the generator was removed from the grid. The Unit remained in the outage for the rest of the month.

There are no other items to report.

**CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS**

# NRC MONTHLY REPORT

PRINTED 2/5/2001

Page 2

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

DATE 2/5/2001  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JANUARY 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	744	237816
12. NUMBER OF HOURS REACTOR CRITICAL	454.4	454.4	205449.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	453.6	453.6	203536.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	647600	647600	324261146
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	224960	224960	107581870
18. NET ELECTRICAL ENERGY GENERATED (MWH)	212043	212043	101260809
19. UNIT SERVICE FACTOR	61.0	61.0	85.6
20. UNIT AVAILABILITY FACTOR	61.0	61.0	85.6
21. UNIT CAPACITY FACTOR ( MDC NET)	54.6	54.6	84.0
22. UNIT CAPACITY FACTOR ( DER NET)	53.2	53.2	80.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

# NRC MONTHLY REPORT

PRINTED 2/5/2001

Page 3

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

DATE 2/5/2001

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

### MONTH: JANUARY 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/1/2001	1	S	0	C	5	N/A	N/A	N/A
NOTES:		Coastdown operation.						
1/19/2001	1	S	290.4	C	1	N/A	N/A	N/A
NOTES:		Refueling outage.						

#### 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

# **NRC MONTHLY REPORT**

PRINTED 2/5/2001

Page 4

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

**DATE 2/5/2001**

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

## **NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

### **MONTH: JANUARY 2001**

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

There are no other items to report.

**CURRENT CONTINUOUS OPERATING RUN OF 237 DAYS**

# NRC MONTHLY REPORT

PRINTED 2/5/2001

Page 5

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

DATE 2/5/2001

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

## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 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	744	228934
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	202650.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	201040.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224042	1224042	321315677
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426980	426980	105724930
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406394	406394	99969300
19. UNIT SERVICE FACTOR	100.0	100.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.8
21. UNIT CAPACITY FACTOR ( MDC NET)	104.6	104.6	86.6
22. UNIT CAPACITY FACTOR ( DER NET)	101.9	101.9	82.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

# NRC MONTHLY REPORT

PRINTED 2/5/2001

Page 6

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

DATE 2/5/2001

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2001	2	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		