



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

December 5, 2000

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  
November, 2000**

Attached is the Monthly Operating Report for November, 2000 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 12/4/2000  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: NOVEMBER 2000**

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 553 DAYS

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

DATE 12/4/2000

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

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: NOVEMBER 2000
- 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	8040	236328
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	8040.0	204528.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	8040.0	202623.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184386	13177689	322882582
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413660	4537010	107102600
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394064	4297270	100809531
19. UNIT SERVICE FACTOR	100.0	100.0	85.7
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.7
21. UNIT CAPACITY FACTOR ( MDC NET)	104.8	102.4	84.2
22. UNIT CAPACITY FACTOR ( DER NET)	102.1	99.7	80.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

DOCKET NO. 50-282  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/30/2000	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 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>
		9-OTHER	IEEE STD 803A-1983
	F-ADMINISTRATIVE		
	G-OPERATIONAL ERROR		
	H-OTHER		

**DOCKET NO. 50-306**

**UNIT PRAIRIE ISLAND NO. 2**

**DATE 12/4/2000**

**COMPLETED BY DALE DUGSTAD**

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

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: NOVEMBER 2000**

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

There are no other items to report.

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

DATE 12/4/2000  
 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 2000
- 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	8040	227446
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	7114.2	201162.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	7077.4	199552.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184458	11582317	318869623
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413110	3987320	104872260
18. NET ELECTRICAL ENERGY GENERATED (MWH)	393570	3773727	99157499
19. UNIT SERVICE FACTOR	100.0	88.0	87.7
20. UNIT AVAILABILITY FACTOR	100.0	88.0	87.7
21. UNIT CAPACITY FACTOR ( MDC NET)	104.7	89.9	86.5
22. UNIT CAPACITY FACTOR ( DER NET)	102.0	87.6	82.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/30/2000	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 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>
		9-OTHER	IEEE STD 803A-1983
	F-ADMINISTRATIVE		
	G-OPERATIONAL ERROR		
	H-OTHER		