



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089



November 15, 1999

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
October, 1999**

Attached is the Monthly Operating Report for October, 1999 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 – Steve Minn

Attachment

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/15/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1999

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

The month of October had 745 hours due to daylight savings time change.

There are no other items to report.

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/15/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/31/1999	1	N/A	0					
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 11/15/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1999

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

On the 10th, the Unit was placed in load follow operation for approximately 29 hours.

The month of October had 745 hours due to daylight savings time change.

On Thursday, October 28th, at 0600, Unit 2 generated its 100 millionth megawatt-hour of electricity.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 11/15/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: OCTOBER 1999
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	745	7296	217942
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	7261.8	192583.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	745.0	7226.9	191011.1*
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1214609	11746646	304897727
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	422890	4016670	100052600
18. NET ELECTRICAL ENERGY GENERATED (MWH)	403105	3803508	94589837
19. UNIT SERVICE FACTOR	100.0	99.1	87.6
20. UNIT AVAILABILITY FACTOR	100.0	99.1	87.6
21. UNIT CAPACITY FACTOR (MDC NET)	103.7	99.9	86.2
22. UNIT CAPACITY FACTOR (DER NET)	100.9	97.3	81.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/10/1999	2	S	0	F	5	N/A	N/A	N/A
NOTES: Load follow operation.								

<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)
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