



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

December 2, 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
November, 1999

Attached is the Monthly Operating Report for November, 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

PDL ADDEN 0500 0282

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 12/2/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: NOVEMBER 1999

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 187 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 12/2/1999
 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 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	720	8016	227544
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6957.3	195744.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6900.5	193839.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185402	11267786	308498141
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414160	3876070	102146040
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394737	3669329	96112811
19. UNIT SERVICE FACTOR	100.0	86.1	85.2
20. UNIT AVAILABILITY FACTOR	100.0	86.1	85.2
21. UNIT CAPACITY FACTOR (MDC NET)	105.0	87.7	83.5
22. UNIT CAPACITY FACTOR (DER NET)	102.3	85.4	79.6
23. UNIT FORCED OUTAGE RATE	0.0	2.2	4.7
24. FORCED OUTAGE HOURS	0.0	156.6	9483.8

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 12/2/1999
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/30/1999	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 12/2/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: NOVEMBER 1999

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

On the 21st, the Unit was placed in load follow operation for approximately 9.5 hours.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 12/2/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: NOVEMBER 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	720	8016	218662
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	7981.8	193303.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	7946.9	191731.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1181068	12927714	306078795
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	411740	4428410	100464340
18. NET ELECTRICAL ENERGY GENERATED (MWH)	392842	4196350	94982679
19. UNIT SERVICE FACTOR	100.0	99.1	87.7
20. UNIT AVAILABILITY FACTOR	100.0	99.1	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	104.5	100.3	86.3
22. UNIT CAPACITY FACTOR (DER NET)	101.8	97.7	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: NOVEMBER 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/21/1999	2	S	0	H	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)
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>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

TRANSMITTAL MANIFEST
NORTHERN STATES POWER COMPANY
NUCLEAR LICENSING DEPARTMENT

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Monthly Operating Report
November, 1999

Correspondence Date: December 2, 1999

USNRC

Attn: DCD	1	Mike Hammer	Monti	1
Tae Kim	1	John Closs	RS-8	1
Regional Admin III	1	Kellie Krenick	RS-8	1
Resident Inspector	1			

John Walters	1
Marlys Davis	1
Dale Dugstad (file)	1
Lawrence Miles	1
Ken Mueller	1
Rod Stenroos	1

State of Minnesota

Steve Minn	1
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INPO Records Center 1

Westinghouse

Pat Haught	1
W J Orga	1

Administrative:

NL File	1
Gene Eckholt	1
Jeff Kivi	1
Jack Leveille	1
Dale Vincent	1

Manifest Date: December 7, 1999