



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

November 5, 1998

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 1998

Attached is the Monthly Operating Report for October 1998 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen
Plant Manager
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
State of Minnesota - Kris Sanda

Attachment

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

DATE 11/3/1998

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1998

During the month of October, Unit 1 was base loaded. The unit operated routinely until near the end of the month.

On the 29th at 2350, a reactor trip occurred due to a short in one of the control rod cables. The unit was brought to cold shutdown to allow repairs. All of the control rod drive and the control rod position indication cables will be replaced.

The service hours for this month were 745 due to daylight savings time change.

The trip ended a continuous operating run of approximately 133 days.

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS

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

DATE 11/3/1998

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

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: OCTOBER 1998
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 543
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 558
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 526
- 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	218064
12. NUM. OF HOURS REACTOR CRITICAL	696.8	6954.7	187731.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	696.8	6918.0	185906.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1143108	11274462	295552305
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	399090	3865080	97683790
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378354	3655882	91890203
19. UNIT SERVICE FACTOR	93.5	94.8	85.3
20. UNIT AVAILABILITY FACTOR	93.5	94.8	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	96.6	94.6	83.2
22. UNIT CAPACITY FACTOR (DER NET)	95.8	91.6	79.2
23. UNIT FORCED OUTAGE RATE	6.5	4.9	4.6
24. FORCED OUTAGE HOURS	48.2	354.7	8895.4

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1998

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/29/1998	1	F	48.2	A	3	1-98-16	N/A	N/A
NOTES: Reactor trip caused by control rod cable short.								

<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 11/3/1998
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1998

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

The service hours for this month were 745 due to daylight savings time change.

CURRENT CONTINUOUS OPERATING RUN OF 241 DAYS

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 11/3/1998
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 1998
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 530
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 544
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512
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	209182
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	6373.1	185099.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	745.0	6364.3	183591.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224621	10368661	292833248
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414960	3431540	95928950
18. NET ELECTRICAL ENERGY GENERATED (MWH)	393938	3238401	90689571
19. UNIT SERVICE FACTOR	100.0	87.2	87.8
20. UNIT AVAILABILITY FACTOR	100.0	87.2	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	103.3	86.7	86.3
22. UNIT CAPACITY FACTOR (DER NET)	99.8	83.7	81.8
23. UNIT FORCED OUTAGE RATE	0.0	12.8	3.0
24. FORCED OUTAGE HOURS	0.0	931.7	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1998

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/31/1998	2		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		