



Northern States Power Company

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February 8, 1994

Prairie Island Technical Specifications
Section 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, 1994

Attached is the Monthly Operating Report for January, 1994 for the Prairie
Island Generating Plant.

Roger O Anderson
Director
Licensing and Management Issues

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

Attachment

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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

The Unit was base loaded this month, there were no shutdowns or power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 347 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	530
2	531
3	531
4	530
5	529
6	532
7	529
8	532
9	530
10	531
11	530
12	529
13	530
14	529
15	531
16	530
17	530
18	529
19	530
20	531
21	530
22	533
23	529
24	533
25	532
26	530
27	533
28	529
29	533
30	527
31	534

AVERAGE LOADS ABOVE 513 MWE-NET ARE DUE
TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JANUARY 1994
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): 545
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 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	744.0	176448
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	151050.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	149425.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1223693	1223693	236436841
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414530	414530	77838600
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394730	394730	73134514
19. UNIT SERVICE FACTOR	100.0	100.0	84.7
20. UNIT AVAILABILITY FACTOR	100.0	100.0	84.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.4	103.4	82.4
22. UNIT CAPACITY FACTOR (USING DER NET)	100.1	100.1	78.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.1
24. FORCED OUTAGE HOURS	0.0	0.0	7960.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

Refueling & maintenance to start in May 1994.

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282
UNIT NAME PRAIRIE ISLAND NO. 1
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

<u>DATE</u> YY/MM/DD	<u>TYPE</u>	<u>HOURS</u> 000.0	<u>REASON</u>	<u>METHOD</u>	<u>LER NUMBER</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
94/01/00	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-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

The Unit was base loaded this month, there were no shutdowns or power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 46 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	534
2	534
3	534
4	533
5	533
6	535
7	532
8	534
9	532
10	533
11	532
12	533
13	532
14	532
15	533
16	533
17	533
18	531
19	533
20	529
21	536
22	528
23	539
24	534
25	533
26	529
27	532
28	533
29	532
30	531
31	535

AVERAGE LOADS ABOVE 512 MWE-NET ARE DUE
TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE FEBRUARY 2, 1994
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 1994
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 NUMBER 3 THROUGH 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>
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N/A

26. IF CURRENTLY SHUTDOWN ESTIMATED START DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306
UNIT NAME PRAIRIE ISLAND NO. 2
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TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1994

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94/01/00	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-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984 (P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		