



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Weich, Minnesota 55089

October 4, 1995

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
September 1995

Attached is the Monthly Operating Report for September 1995 for the Prairie
Island Generating Plant.

Michael D Wadley
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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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

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

CURRENT CONTINUOUS OPERATING RUN OF 224 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	514
2	515
3	515
4	517
5	514
6	515
7	520
8	522
9	520
10	522
11	521
12	520
13	521
14	522
15	523
16	523
17	524
18	523
19	525
20	527
21	526
22	532
23	529
24	530
25	529
26	527
27	526
28	528
29	525
30	530

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 OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: SEPTEMBER 1995
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	720	6551	191015
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6551.0	164150.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6543.0	162484.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185270	10742536	257651175
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397240	3587170	84936820
18. NET ELECTRICAL ENERGY GENERATED (MWH)	376408	3391767	79847034
19. UNIT SERVICE FACTOR	100.0	99.9	85.1
20. UNIT AVAILABILITY FACTOR	100.0	99.9	85.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.9	100.9	83.0
22. UNIT CAPACITY FACTOR (USING DER NET)	98.6	97.7	78.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.8
24. FORCED OUTAGE HOURS	0.0	0.0	8125.9
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

Refueling and Maintenance Outage starting in January 1996.

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 OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

<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>
95/09/00	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 OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

Unit Two was base loaded this month, there were no shutdowns and only one power reduction (to support technical specification required turbine testing).

Two of the four Cooling Tower Pumps and all of the Cooling Tower Fans were turned off as the ambient river temperature is below 78 degrees F.

A Turbine Valves test was conducted on the 24th.

CURRENT CONTINUOUS OPERATING RUN OF 95 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	516
2	517
3	516
4	518
5	517
6	517
7	523
8	526
9	524
10	524
11	525
12	526
13	526
14	524
15	526
16	526
17	5
18	527
19	528
20	529
21	530
22	535
23	532
24	446
25	533
26	528
27	531
28	531
29	528
30	533

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 OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: SEPTEMBER 1995
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

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306
UNIT NAME PRAIRIE ISLAND NO. 2
DATE OCTOBER 3, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: SEPTEMBER 1995

<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>
95/09/24	S	0.0	B	5	N/A		Turbine valves testing.

<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		