



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East  
Welch, Minnesota 55089

September 8, 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  
August 1995

Attached is the Monthly Operating Report for August 1995 for the Prairie  
Island Nuclear 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

140004

9509140001 950831  
PDR ADOCK 05000282  
R PDR

JE24

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO.1  
DATE SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 1995

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

CURRENT CONTINUOUS OPERATING RUN OF 194 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO.1  
DATE SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 1995

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	511
2	510
3	510
4	511
5	511
6	511
7	512
8	515
9	511
10	508
11	510
12	510
13	509
14	511
15	511
16	511
17	506
18	508
19	511
20	509
21	510
22	508
23	509
24	510
25	511
26	511
27	509
28	510
29	513
30	513
31	512

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 SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: AUGUST 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	744	5831	190295
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5831.0	163430.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5823.0	161764.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225396	9557266	256465905
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	403210	3189930	84539580
18. NET ELECTRICAL ENERGY GENERATED (MWH)	379670	3015359	79470626
19. UNIT SERVICE FACTOR	100.0	99.9	85.0
20. UNIT AVAILABILITY FACTOR	100.0	99.9	85.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.5	100.8	82.9
22. UNIT CAPACITY FACTOR (USING DER NET)	96.3	97.6	78.8
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 SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 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>
95/08/00	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 SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 1995

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

CURRENT CONTINUOUS OPERATING RUN OF 65 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306  
UNIT PRAIRIE ISLAND NO.2  
DATE SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 1995

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	514
2	513
3	510
4	514
5	511
6	513
7	513
8	516
9	511
10	509
11	511
12	511
13	509
14	512
15	511
16	512
17	506
18	509
19	512
20	508
21	509
22	508
23	508
24	511
25	512
26	513
27	511
28	513
29	514
30	514
31	513

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 SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: AUGUST 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>
--	-------------------	-------------------	-------------------

N/A

- 
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 SEPTEMBER 6, 1995  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121-4376

MONTH: AUGUST 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>
95/08/00	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		