



Northern States Power Company

Prairie Island Nuclear Generating Plant

1/17 Wakonade Dr. East Welch, Minnesota 55089

November 7, 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 October 1995

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

Michael DWadley
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 NOVEMBER 2, 1995

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: OCTOBER 1995

Unit One was base loaded this month, there were no shutdowns and only one power reduction.

All cooling towers have been shutdown for the winter season.

The power reduction started on the 5th at 2112 to allow repairs to 12 Feedwater Pump gearbox. Repairs were completed on the 8th and at 0800 the Unit was back at full power operation. During this event a Turbine Valves test was completed.

CURRENT CONTINUOUS OPERATING RUN OF 255 DAYS.

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282 UNIT PRAIRIE ISLAND NO.1 DATE NOVEMBER 2, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: OCTOBER 1995

DAY	AVERAGE	DAILY	POWER	LEVEL	(MWE-NET)
1		528			
2		526			
3		527			
1 2 3 4		529			
5		506			
6		259			
7		264			
8		462			
9		527			
10		533			
11		526			
12		529			
13		529			
14		532			
15		529			
16		530			
17		530			
18		531			
19		532			
20		536			
21		529			
22		531			
23		533			
24		531			
25		532			
26		531			
27		531			
28		532			
29		532			
30		531			
31		532			

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 NOVEMBER 2, 1995

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

### OPERATING STATUS

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

	THE CONTRACTOR OF THE CONTRACT	IS MONTH	YR-TO-DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	745	7296	191760
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	7296.0	164895.3
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14.	HOURS GENERATOR ON-LINE	745.0	7288.0	163229.0
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1182183	11924719	258833358
17.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	400380	3987550	85337200
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	379944	3771711	80226978
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)	99.4	100.8	83.0
22.	UNIT CAPACITY FACTOR (USING DER NET)	96.2	97.5	78.9
	UNIT FORCED OUTAGE RATE		0.0	
24.	FORCED OUTAGE HOURS	0.0	0.0	8125.9
	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS			F 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 NOVEMBER 2, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: OCTOBER 1995

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DATE TYPE HOURS REASON METHOD LER NUMBER SYSTEM COMPONENT 95/10/05 F 0.0 A 5 N/A 12 Feedwater Pump gearbox repairs.

TYPE REASON METHOD SYSTEM CODE

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 & 5-REDUCED LOAD COMPONENT CODE
LICENSE EXAMINATION 9-OTHER
F-ADMINISTRATIVE IEEE STD 803A-1983
G-OPERATIONAL ERROR

# NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

MONTH: OCTOBER 1995

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

CURRENT CONTINUOUS OPERATING RUN OF 126 DAYS.

### AVERAGE DAILY UNIT POWER LEVEL

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

MONTH: OCTOBER 1995

DAY	AVERAGE	DAILY	POWER	LEVEL	(MWE	-NET)
1		531				
2		530				
3		528				
3 4		531				
4		530				
5		533				
7		534				
8		532				
9		531				
10		536				
11		530				
12		531				
13		530				
14		535				
15		530				
16		531				
17		532				
18		533				
19		534				
20		535				
21		535				
22		532				
23		534				
24		533				
25		534				
26		532				
27		533				
28		531				
29		533				
30		531				
31		531				

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 NOVEMBER 2, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

#### OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: OCTOBER 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>TH</u>	IS MONTH	YR-TO-DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	745	7296	182878
	NUMBER OF HOURS REACTOR WAS CRITICAL			
	REACTOR RESERVE SHUTDOWN HOURS		0.0	1516.1
14.	HOURS GENERATOR ON-LINE	745.0	6202.8	159925.5
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
	GROSS THERMAL ENERGY GENERATED (MWH)		10122987	254403209
17.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	416800	3386610	83098650
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	396368	3204349	78561845
19.	UNIT SERVICE FACTOR	100.0	85.0	87.4
20.	UNIT AVAILABILITY FACTOR	100.0	85.0	87.4
21.	UNIT CAPACITY FACTOR (USING MDC NET)	103.9	85.8	85.7
22.	UNIT CAPACITY FACTOR (USING DER NET)	100.4	82.9	81.1
23.	UNIT FORCED OUTAGE RATE	0.0	0.0	2.4
24.	FORCED OUTAGE HOURS	0.0	0.0	3984.7
25.	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS	(TYPE, DAT	E & DURATION C	OF EACH):

	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 NOVEMBER 2, 1995
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

MONTH: OCTOBER 1995

H-OTHER

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DATE YY/MM/DD TYPE HOURS REASON METHOD LER NUMBER SYSTEM COMPONENT 95/10/00 None.

TYPE REASON METHOD SYSTEM CODE DRAFT IEEE STD F-FORCED A-EQUIPMENT FAILURE 1-MANUAL B-MAINTENANCE OR TEST 2-MANUAL TRIP 805-1984 (P805-D5) S-SCHED C-REFUELING 3-AUTO TRIP D-REGULATORY RESTRICTION 4-CONTINUED E-OPERATOR TRAINING & 5-REDUCED LOAD COMPONENT CODE LICENSE EXAMINATION 9-OTHER F-ADMINISTRATIVE IEEE STD 803A-1983 G-OPERATIONAL ERROR