

Northern States Power Company

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June 6, 1994

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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 May, 1994

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

Eugene Echlot for

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 JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: MAY 1994

The Unit was in coastdown operation at the beginning of the month. The refueling outage started on the 7th at 2123 when the generator was taken off-line. The reactor was manually tripped at 2306. This ended a continuous operating run of 443 days.

OUTAGE DAY NUMBER 24 AS OF MAY 31, 1994

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282 UNIT PRAIRIE ISLAND NO.1 DATE JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: MAY 1994

DAY	AVERAGE	DAILY	POWER	LEVEL	(MWE-NFT)
3		411			
1		411 403			
2		397			
5		389			
2 3 4 5		382			
6		381			
7		306			
7 8		-15			
9		-9			
10		-3			
11		-3			
12		-3			
13		-3			
14		3			
15		-2			
16		-3			
17		-3			
18		-2			
19		-2			
20		-2			
21		-1			
22		-1			
23		0			
24		0			
25		0			
26		0			
27		0			
28		0			
29		0			
30		0			
31		0			

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

OPERATING DATA REPORT

DOCKET NO. 50-282 UNIT FRAIRIE ISLAND NO.1 DATE JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

OPERATING STATUS

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

	TH	IS MONTH	YR-TO-DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	744	3623	179327
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	167.1	3046.1	153353.0
	REACTOR RESERVE SHUTDOWN HOURS			
14.	HOURS GENERATOR ON-LINE	165.4	3044.4	151726.3
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	211554	4871958	240085106
17.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	69090	1636000	79060070
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	62758	1550045	74289829
19.	UNIT SERVICE FACTOR	22.2	84.0	84.6
20.	UNIT AVAILABILITY FACTOR	22.2	84.0	84.6
	UNIT CAPACITY FACTOR (USING MDC NET)			
	UNIT CAPACITY FACTOR (USING DER NET)			
23.	UNIT FORCED OUTAGE RATE	0.0	0.0	5.0
24.	FORCED OUTAGE HOURS	0.0	0.0	7950.6
	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS			

N/A

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: June 30, 1994

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO	50-282			
UNIT NAME	PRAIRIE	ISLAND	NO.	1
DATE	JUNE 3,	1994		
COMPLETED BY	DALE DUG	STAD		
TELEPHONE	612-388-	1121-4	376	

MONTH: MAY 1994

H-OTHER

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DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
94/05/07						N/A	N/A
94/05/01	S					N/A	N/A

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306 UNIT PRAIRIE ISLAND NO.2 DATE JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: MAY 1994

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

CURRENT CONTINUOUS OPERATING RUN OF 65 DAYS.

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306 UNIT PRAIRIE ISLAND NO.2 DATE JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: MAY 1994

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DAY	AVERAGE	DAILY	POWER	LEVEL	(MWE-NET)
1		519			
1 2 3 4		514			
3		514			
4		514			
5		510			
6		517			
7		515			
8		512			
9		517			
10		517			
11		513			
12		513			
13		512			
14		512			
15		512			
16		518			
17		513			
18		514			
19		509			
20		509			
21		506			
22		504			
23		501			
24		504			
25		498			
26		514			
27		507			
2.8		508			
29		502			
30		503			
31		507			

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 JUNE 3, 1994 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

OPERATING STATUS

1.	UNIT NAME: PRAIRIE ISLAND NO. 2
2.	REPORTING PERIOD: MAY 1994
3.	LICENSED THERMAL POWER (MWT): 1650
4.	NAMEPLATE RATING (GROSS MWE): 593
	DESIGN ELECTRICAL RATING (NET MWE): 530
	MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 544
	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

THIS MONTH YR-TO-DATE CUMULA	HIS MONTH	TH
ORTING PERIOD 744 3623 17	744	HOURS IN REPORTING PERIOD
URS REACTOR WAS CRITICAL 744.0 3623.0 1499	744.0	NUMBER OF HOURS REACTOR WAS CRITICAL
RVE SHUTDOWN HOURS 0.0 0.0 15	0.0	REACTOR RESERVE SHUTDOWN HOURS
TOR ON-LINE 744.0 3618.0 1486	744.0	HOURS GENERATOR ON-LINE
SHUTDOWN HOURS 0.0 0.0	0.0	UNIT RESERVE SHUTDOWN HOURS
L ENERGY GENERATED (MWH) 1224824 5956493 23591	1224824	GROSS THERMAL ENERGY GENERATED (MWH)
ICAL ENERGY GENERATED (MWH) 404700 2000070 7690	404700	GROSS ELECTRICAL ENERGY GENERATED (MWH)
AL ENERGY GENERATED (MWH) 379829 1895183 7269	379829	NET ELECTRICAL ENERGY GENERATED (MWH)
FACTOR 100.0 99.9 ILITY FACTOR 100.0 99.9	100.0	UNIT SERVICE FACTOR
ILITY FACTOR 100.0 99.9	100.0	UNIT AVAILABILITY FACTOR
V FACTEUR (LISTNE MER NET) MM. /	99./	LINE CAPACITY FACTOR CLISENCE MUSE NET
Y FACTOR (USING DER NET) 96.3 98.7	96.3	UNIT CAPACITY FACTOR (USING DER NET)
Y FACTOR (USING DER NET)96.398.7OUTACE RATE0.00.0E HOURS0.00.0	0.0	UNIT FORCED OUTACE RATE
E HOURS 0.0 0.0 39	0.0	FORCED OUTAGE HOURS
HEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH)	(TYPE, DATE	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS
N/A		N/A
SHUTDOWN ESTIMATED STARTUP DATE: N/A	DATE .	IF CURPENTLY SHUTDOWN FSTIMATED STARTUR

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO	50-306			
UNIT NAME	PRAIRIE	ISLAND	NO.	2
DATE	JUNE 3,	1994		and and a second
COMPLETED BY	DALE DUC	STAD		
TELEPHONE	612-388-	-1121-43	376	

MONTH: MAY 1994

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<u>DATE</u> <u>TYPE</u> <u>HOURS</u> <u>REASON</u> <u>METHOD</u> <u>LER NUMBER</u> <u>SYSTEM</u> <u>COMPONENT</u>

94/05/00 None.

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