

Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East Welch, Minnesota 55089

December 15, 1995

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Prairie Island Tech i al 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 November 1995

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

Michaelowaelley

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

9512210014 PDR ADOCK

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. <u>50-282</u> UNIT PRAIRIE ISLAND NO.1 DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: NOVEMBER 1995

6.1

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

On the 17th radiation monitoring instrument indications of steam generator tube leakage increased sufficiently to require increased operator awareness, sampling, and trending. The leakage was confirmed by radiochemical analysis to be in 12 Steam Generator. Special monitoring is continuing. The leakage indications have decreased slightly since November 22 and is now a factor of 100 below the Tech Spec limit.

CURRENT CONTINUOUS OPERATING RUN F 285 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. <u>50-282</u> UNIT PRAIRIE ISLAND <u>NO.1</u> DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: NOVEMBER 1995

* 5

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

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 DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

OPERATING STATUS

* 1

1. 2. 3. 4. 5. 6. 7. 8.	UNIT NAME: PRAIRIE ISLAND NO. 1 REPORTING PERIOD: NOVEMBER 1995 LICENSED THERMAL POWER (MWT): 1650 NAMEPLATE RATING (GROSS MWE): 593 DESIGN ELECTRICAL RATING (NET MWE): 53 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) MAXIMUM DEPENDABLE CAPACITY (NET MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (I SINCE LAST REPORT GIVE REASON: NON	0 : 545 513 TEMS NUMBER E	3 THROUGH 7)	
9.	POWER LEVEL TO WHICH RESTRICTED, IF ANY	(NET MWE) :	NONE	
10.	REASONS FOR RESTRICTIONS, IF ANY: NONE	an an tao an an Anna an Anna an Anna		
	TH	IS MON "H	YR-TO-DATE	CUMULATIVE
11	HOURS IN REPORTING PERIOD	720	8016	192480
12	NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	8016.0	165615.3
13	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14	HOURS GENERATOR ON-LINE	720.0	8008.0	163949.0
15	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1185270	13109989	260018628
17	GROSS ELECTRICAL ENERGY GENERATED (MWH)	401630	4389180	85738830
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	382260	4153971	80609238
19.	UNIT SERVICE FACTOR	100.0	99.9	85.2
20.	UNIT AVAILABILITY FACTOR	100.0	99.9	85.2
21.	UNIT CAPACITY FACTOR (USING MDC NET)	103.5	101.0	83.1
22.	UNIT CAPACITY FACTOR (USING DER NET)	100.2	97.8	79.0
23.	UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24.	FORCED OUTAGE HOURS	0.0	0.0	8125.9
25.	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS	(TYPE, DATE	& DURATION OF	F EACH):
	Refueling and Maintenance Outage st	arting in Ja	anuary 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	DECEMBER 4, 1995	
COMPLETED BY	DALE DUGSTAD	
TELEPHONE	612-388-1121-4376	

MONTH: NOVEMBER 1995

H-OTHER

* .

DATE TYPE HOURS REASON METHOD LER NUMBER SYSTEM COMPONENT YY/MM/DD 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	9-OTHER	IEEE STD 803A-1983	

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306 UNIT PRAIRIE ISLAND NO.2 DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: NOVEMBER 1995

* 1

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

On the 27th, Unit 2 was reduced to about 50% power operation to allow repairs to a coupling on 22 Feedwater Pump. This problem was discovered by an increase in pump vibration. The Unit returned to full power operation on the 29th.

CURRENT CONTINUOUS OPERATING RUN OF 156 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306 UNIT PRAIRIE ISLAND NO.2 DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: NOVEMBER 1995

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DAY	AVERAGE	DAILY	POWER	LEVEL	(MWE-NET)
		521			
1		231			
2		534			
3		545			
4		528			
5		523			
6		523			
7		527			
8		526			
9		526			
10		523			
11		529			
12		526			
13		527			
14		525			
15		525			
16		524			
17		523			
18		526			
19		526			
20		526			
21		528			
22		528			
23		524			
24		526			
25		524			
26		526			
27		499			
28		289			
29		524			
30		524			

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

OPERATING DATA REPORT

DOCKET NO. <u>50-306</u> UNIT PRAIRIE ISLAND <u>NO.2</u> DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

OPERATING STATUS

N 1.

REPORTING PERIOD: NOVEMBER 1995				
. LICENSED THERMAL POWER (MWT): 1650 . NAMEPLATE RATING (GROSS MWE): 593				
MAXIMUM DEPENDABLE CAPACITI (GROSS MW)	. 510			
TE CHANGES OCCUP IN CAPACITY RATINGS	TTEMS NIMEER	3 THROUGH	7)	
SINCE LAST REPORT GIVE REASON: NO	ONE	t 5 milloodn	e 1	
POWER LEVEL TO WHICH RESTRICTED, IF A	NY (NET MWE):	NONE		
REASONS FOR RESTRICTIONS, IF ANY: NO	VE			
	THIS MONTH	VR-TO-DATE	CUMUL ATT	
	into nonin	IN IO DAIL	CONOLISIT	
HOURS IN REPORTING PERIOD	720	8016	1835	
NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6954.8	162065	
REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516	
HOURS GENERATOR ON-LINE	720.0	6922.8	160645	
UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0	
GROSS THERMAL ENERGY GENERATED (MWH)	1165860	11288847	2555690	
GROSS ELECTRICAL ENERGY GENERATED (MW	H) 391340	3777950	834899	
NET ELECTRICAL ENERGY GENERATED (MWH)	372277	3576626	789341	
UNIT SERVICE FACTOR	100.0	86.4	87	
UNIT AVAILABILITY FACTOR	100.0	86.4	87	
UNIT CAPACITY FACTOR (USING MDC NET)	101.0	87.1	85	
UNIT CAPACITY FACTOR (USING DER NET)	97.6	84.2	81	
UNIT FORCED OUTAGE RATE	0.0	0.0	2	
FORCED OUTAGE HOURS	0.0	0.0	3984	
SHUTDOWNS SCHEDULED OVER NEXT 6 MONTH	S (TYPE, DATE	& DURATION	OF EACH):	
NT / 2				
N/A				

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306 UNIT NAME PRAIRIE ISLAND NO. 2 DATE DECEMBER 4, 1995 COMPLETED BY DALE DUGSTAD TELEPHONE 612-388-1121-4376

MONTH: NOVEMBER 1995

1 2 4

DATE TYPE HOURS REASON METHOD LER NUMBER SYSTEM COMPONENT

95/11/27 F 0.0 A 5 22 Feedwater Pump coupling gear problems.

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