



Northern States Power Company

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November 11, 1996

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 1996

Attached is the Monthly Operating Report for October 1996 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

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 11/6/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4370

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1996

Unit 1 was base loaded for October. There were no shutdowns and only one power reduction. On October 11th at 2212 a power reduction began for condenser tube cleaning and lubrication of 12 Main Feedwater pump coupling. The unit returned to full power on the 12th at 2158. Day light savings time ended on the 27th.

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 11/6/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4378

AVERAGE DAILY POWER LEVELUNIT 1MONTH: OCTOBER 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
10/1/96	525
10/2/96	524
10/3/96	526
10/4/96	528
10/5/96	526
10/6/96	526
10/7/96	525
10/8/96	526
10/9/96	527
10/10/96	527
10/11/96	520
10/12/96	234
10/13/96	527
10/14/96	526
10/15/96	526
10/16/96	527
10/17/96	525
10/18/96	529
10/19/96	529
10/20/96	528
10/21/96	528
10/22/96	528
10/23/96	528
10/24/96	528
10/25/96	528
10/26/96	528
10/27/96	524
10/28/96	531
10/29/96	527
10/30/96	525
10/31/96	528

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 11/6/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4370

OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: OCTOBER 1996
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 3 - 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	745	7320	200544
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	5917.4	172276.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	745.0	5864.7	170557.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1204166	9490677	270644160
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	405300	3144730	89268440
18. NET ELECTRICAL ENERGY GENERATED (MWH)	385253	2965258	83939563
19. UNIT SERVICE FACTOR	100	80.1	85
20. UNIT AVAILABILITY FACTOR	100	80.1	95
21. UNIT CAPACITY FACTOR (MDC NET)	100.8	79	83
22. UNIT CAPACITY FACTOR (DER NET)	97.6	76.4	79
23. UNIT FORCED OUTAGE RATE	0	1	4.6
24. FORCED OUTAGE HOURS	0.0	61.2	8187.1

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
N/A

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

NRC MONTHLY REPORT

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UNIT PRAIRIE ISLAND NO. 1
DATE 11/6/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4378

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/11/96	1	S	0	B	5	N/A	N/A	N/A
NOTES: Condenser tube cleaning and lub 12 main FW pmp coupling								

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>	<u>COMPONENT CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD	
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)	
	C-REFUELING	3-AUTO TRIP		
	D-REGULATORY RESTRICTION	4-CONTINUED		
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD		
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1953	
	G-OPERATIONAL ERROR			
	H-OTHER			

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 11/6/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-437●

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 1996

Unit 2 was base loaded for October. There were no shutdowns and two power reductions. On October 17th at 2047 a power reduction began for 23 Heater Drain Pump packing leak repair. On October 26 at 2200 for Turbine Valve testing. The unit returned to full power on the 27th at 0300. Day light savings time ended on October 27th.

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DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 11/6/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4370

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: OCTOBER 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
10/1/96	530
10/2/96	529
10/3/96	530
10/4/96	532
10/5/96	531
10/6/96	531
10/7/96	530
10/8/96	530
10/9/96	532
10/10/96	532
10/11/96	534
10/12/96	532
10/13/96	531
10/14/96	531
10/15/96	531
10/16/96	531
10/17/96	525
10/18/96	519
10/19/96	533
10/20/96	532
10/21/96	533
10/22/96	533
10/23/96	531
10/24/96	533
10/25/96	532
10/26/96	518
10/27/96	501
10/28/96	536
10/29/96	531
10/30/96	530
10/31/96	534

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 11/6/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4370

OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: OCTOBER 1996
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 3 - 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	745	7320	191662
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	7220.2	170029.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	745.0	7190.8	168580.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1220940	11719800	268512869
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414460	3916670	87817980
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394526	3706775	83032439
19. UNIT SERVICE FACTOR	100	98.2	88
20. UNIT AVAILABILITY FACTOR	100	98.2	88
21. UNIT CAPACITY FACTOR (MDC NET)	103.4	98.9	86.4
22. UNIT CAPACITY FACTOR (DER NET)	99.9	95.5	81.7
23. UNIT FORCED OUTAGE RATE	0	1.8	2.4
24. FORCED OUTAGE HOURS	0.0	129.2	4113.9

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING AND MAINTENANCE OUTAGE STARTING IN JANUARY 1997

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

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 11/6/96

COMPLETED BY DALE DUGSTAD

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/17/96	2	F	0	A	5	N/A	N/A	N/A
NOTES: 23 heater drain pump packing leak								
10/26/96	2	S	0	B	5	N/A	N/A	N/A
NOTES: Turbine valve testing								

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

9-OTHER

SYSTEM CODE

DRAFT IEEE STD

800-1984(P805-D5)

COMPONENT CODE

IEEE STD 803A-1983