



Northern States Power Company

1717 Wakonade Drive East
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June 6, 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
May 1996

Attached is the Monthly Operating Report for May 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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PDR ADOCK 05000282
R PDR

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

DATE 06/04/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MAY 1996

For May Unit 1 was base loaded, there were no shutdowns and only one power reduction.

On May 18th at 2205 a power reduction began to allow repairs to the heater cascade drain (Control Valve 31023) and for a required Turbine Valve test. The Unit returned to full power operation on the 19th at 1749. There were no other power reductions.

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UNIT PRAIRIE ISLAND NO. 1

DATE 06/04/96

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AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: MAY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
05/01/96	519
05/02/96	516
05/03/96	515
05/04/96	515
05/05/96	513
05/06/96	517
05/07/96	513
05/08/96	514
05/09/96	509
05/10/96	514
05/11/96	515
05/12/96	513
05/13/96	510
05/14/96	516
05/15/96	510
05/16/96	507
05/17/96	505
05/18/96	498
05/19/96	391
05/20/96	503
05/21/96	504
05/22/96	502
05/23/96	505
05/24/96	507
05/25/96	510
05/26/96	509
05/27/96	511
05/28/96	508
05/29/96	507
05/30/96	507
05/31/96	505

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

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 06/04/96

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OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MAY 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	744	3647	196871
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	2276.9	168636.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	744.0	2252.9	166945.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1218453	3595365	264748848
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	400210	1196480	87320190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	376492	1123060	82097365
19. UNIT SERVICE FACTOR	100	61.8	84.8
20. UNIT AVAILABILITY FACTOR	100	61.8	84.8
21. UNIT CAPACITY FACTOR (MDC NET)	98.6	60	82.7
22. UNIT CAPACITY FACTOR (DER NET)	95.5	58.1	78.7
23. UNIT FORCED OUTAGE RATE	0	0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	8125.9

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

N/A

26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:

N/A

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UNIT PRAIRIE ISLAND NO. 1

DATE 06/04/96

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TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MAY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
05/18/96	1	S	0	A	5			
NOTES: Repair Heater Cascade Drain & Turbine Valves 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

DOCKET NO. 50-308

UNIT PRAIRIE ISLAND NO. 2

DATE 06/04/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MAY 1996

For May Unit 2 was base loaded, there were no shutdowns or power reductions. No other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 42 DAYS

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 06/04/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: MAY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
05/01/96	519
05/02/96	516
05/03/96	513
05/04/96	515
05/05/96	514
05/06/96	519
05/07/96	515
05/08/96	515
05/09/96	511
05/10/96	516
05/11/96	519
05/12/96	519
05/13/96	514
05/14/96	519
05/15/96	512
05/16/96	509
05/17/96	504
05/18/96	504
05/19/96	503
05/20/96	508
05/21/96	509
05/22/96	504
05/23/96	507
05/24/96	509
05/25/96	512
05/26/96	511
05/27/96	513
05/28/96	509
05/29/96	511
05/30/96	509
05/31/96	507

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

DATE 06/04/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MAY 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	744	3647	187989
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	3592.9	166401.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	744.0	3575.6	164965.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224000	5846640	262639709
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	404360	1962250	85863560
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380772	1857169	81182833
19. UNIT SERVICE FACTOR	100	98	87.8
20. UNIT AVAILABILITY FACTOR	100	98	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	100	99.5	86.1
22. UNIT CAPACITY FACTOR (DER NET)	96.6	96.1	81.5
23. UNIT FORCED OUTAGE RATE	0	2	2.4
24. FORCED OUTAGE HOURS	0.0	71.4	4056.1
25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH): N/A			
26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE: N/A			

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MAY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
05/01/96	2	None	0					

NOTES:

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM 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	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		