



Northern States Power Company

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May 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
April 1996

Attached is the Monthly Operating Report for April 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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NRC MONTHLY REPORT

PRINTED 05/02/96

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 05/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4378

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 1996

For April Unit 1 was base loaded, there were no shutdowns or power reductions.

There were 719 hours in the reporting period due to Daylight savings time change.

CURRENT CONTINUOUS OPERATING RUN OF 58 DAYS

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UNIT PRAIRIE ISLAND NO. 1

DATE 05/02/96

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AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: APRIL 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
04/01/96	520
04/02/96	523
04/03/96	521
04/04/96	518
04/05/96	521
04/06/96	521
04/07/96	526
04/08/96	521
04/09/96	519
04/10/96	519
04/11/96	518
04/12/96	521
04/13/96	521
04/14/96	524
04/15/96	520
04/16/96	521
04/17/96	521
04/18/96	516
04/19/96	522
04/20/96	513
04/21/96	514
04/22/96	510
04/23/96	512
04/24/96	508
04/25/96	510
04/26/96	516
04/27/96	518
04/28/96	515
04/29/96	508
04/30/96	512

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

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DATE 05/02/96

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TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: APRIL 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	719	2903	196127
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	1532.9	167892.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	719.0	1508.9	166201.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185798	2376912	263530395
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	395020	796270	86919980
18. NET ELECTRICAL ENERGY GENERATED (MWH)	372186	746568	81720873
19. UNIT SERVICE FACTOR	100	52	84.7
20. UNIT AVAILABILITY FACTOR	100	52	84.7
21. UNIT CAPACITY FACTOR (MDC NET)	100.9	50.1	82.6
22. UNIT CAPACITY FACTOR (DER NET)	97.7	48.5	78.3
23. UNIT FORCED OUTAGE RATE	0	0	4.7
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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DATE 05/02/96

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
04/01/96	1	None	0					

NOTES:

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. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 05/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 1996

For April Unit 2 was base loaded, there was a shutdown.

On Thursday, April 18 at 1916 the Unit tripped due to loss of air to the Feedwater Regulating Valves. The loss of air was due to an instrument air dryer valve failure. After repairs the reactor was taken critical on the 19th at 2102 and the generator was placed on-line at 2307 of the 19th.

There were no other problems.

There were 719 hours in the reporting period due to Daylight savings time change.

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UNIT PRAIRIE ISLAND NO. 2

DATE 05/02/96

COMPLETED BY DALE DUGSTAD

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AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: APRIL 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
04/01/96	526
04/02/96	528
04/03/96	526
04/04/96	528
04/05/96	524
04/06/96	525
04/07/96	531
04/08/96	524
04/09/96	523
04/10/96	521
04/11/96	519
04/12/96	523
04/13/96	525
04/14/96	525
04/15/96	522
04/16/96	520
04/17/96	520
04/18/96	409
04/19/96	-18
04/20/96	463
04/21/96	516
04/22/96	513
04/23/96	513
04/24/96	511
04/25/96	514
04/26/96	518
04/27/96	520
04/28/96	519
04/29/96	516
04/30/96	517

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UNIT PRAIRIE ISLAND NO. 2

DATE 05/02/96

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TELEPHONE 612-388-1121-4378

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: APRIL 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	719	2903	187245
12. NUMBER OF HOURS REACTOR CRITICAL	693.2	2848.9	165657.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	691.1	2831.6	164221.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1136280	4622640	261415709
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	379690	1557890	85459200
18. NET ELECTRICAL ENERGY GENERATED (MWH)	357508	1476397	80802061
19. UNIT SERVICE FACTOR	96.1	97.5	87.7
20. UNIT AVAILABILITY FACTOR	96.1	97.5	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	97.1	99.3	86.1
22. UNIT CAPACITY FACTOR (DER NET)	93.8	96	81.4
23. UNIT FORCED OUTAGE RATE	3.9	2.5	2.4
24. FORCED OUTAGE HOURS	27.9	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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DATE 05/03/96

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
04/18/96	2	F	27.9	A	3	2-96-02		

NOTES: Loss of Instrument Air due to failure of a valve.

<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		