



Northern States Power Company

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March 4, 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
February 1996

Attached is the Monthly Operating Report for February 1996 for the Prairie Island Nuclear Generating Plant.

Jack Leville

for

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 03/04/96

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 03/04/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: FEBRUARY 1996

For February, Unit 1 continued with the refueling and maintenance outage that started on January 5th. The outage has been extended due to additional work in Steam Generators.

As of the 29th the outage is at day number 55.

Spent Fuel Pool Update.

Fuel assemblies in each core - 121

Fuel assemblies in the spent fuel pool

consolidated - 18

unconsolidated - 1269

Licensed spent fuel pool storage capacity - 1386

Fuel assemblies in Dry Cask Storage - 120

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS

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AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: FEBRUARY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
02/01/96	-1
02/02/96	-2
02/03/96	-2
02/04/96	-2
02/05/96	-3
02/06/96	-3
02/07/96	-3
02/08/96	-3
02/09/96	-3
02/10/96	-2
02/11/96	-2
02/12/96	-3
02/13/96	-3
02/14/96	-3
02/15/96	-3
02/16/96	-3
02/17/96	-3
02/18/96	-3
02/19/96	-3
02/20/96	-3
02/21/96	-3
02/22/96	-3
02/23/96	-12
02/24/96	-15
02/25/96	-17
02/26/96	-17
02/27/96	-17
02/28/96	-8
02/29/96	-8

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UNIT PRAIRIE ISLAND NO. 1

DATE 03/04/96

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TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: FEBRUARY 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	696	1440	194664
12. NUMBER OF HOURS REACTOR CRITICAL	0.0	119.3	186478.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	0.0	117.9	164810.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	151245	261304728
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	51000	86174710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	-3670	43456	81017761
19. UNIT SERVICE FACTOR	0	8.2	84.7
20. UNIT AVAILABILITY FACTOR	0	8.2	84.7
21. UNIT CAPACITY FACTOR (MDC NET)	-1	5.9	82.6
22. UNIT CAPACITY FACTOR (DER NET)	-1	5.7	78.5
23. UNIT FORCED OUTAGE RATE	0	0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	8125.9

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

Refueling and maintenance outage starting on January 6, 1996.

26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:

March 2, 1996

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UNIT PRAIRIE ISLAND NO. 1

DATE 03/04/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: FEBRUARY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
02/01/96	1	S	696	C	4	N/A		Fuel

NOTES: Refueling & Maintenance Outage (outage started on Jan. 5th.)

<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		

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 03/04/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: FEBRUARY 1996

For February Unit 2 was base loaded, there were no shutdowns and only one power reduction.

On Saturday, the 10th, at 0213 the Unit started a load reduction, to approximately 40% reactor power, to clean condenser tubes and Amertap screens. During this period a turbine valve test was also conducted. On the 11th at 0220 the Unit started to return to full power operation when turbine control valve, CV-4, closed unexpectedly. The power ascension was halted and power was held at approximately 71% until valve repairs were completed. The valve was repaired by 1040 and by 1330 the Unit was at full power operation.

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UNIT PRAIRIE ISLAND NO. 2

DATE 03/04/96

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AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: FEBRUARY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
02/01/96	529
02/02/96	530
02/03/96	531
02/04/96	529
02/05/96	530
02/06/96	531
02/07/96	530
02/08/96	532
02/09/96	532
02/10/96	223
02/11/96	426
02/12/96	534
02/13/96	534
02/14/96	532
02/15/96	532
02/16/96	534
02/17/96	532
02/18/96	533
02/19/96	531
02/20/96	536
02/21/96	534
02/22/96	533
02/23/96	533
02/24/96	531
02/25/96	531
02/26/96	532
02/27/96	532
02/28/96	535
02/29/96	535

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 03/04/96

COMPILED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: FEBRUARY 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	696	1440	185782
12. NUMBER OF HOURS REACTOR CRITICAL	696.0	1440.0	164249.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	696.0	1440.0	162829.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1117920	2341920	259134989
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	378970	794140	84695450
18. NET ELECTRICAL ENERGY GENERATED (MWH)	360379	754586	80080250
19. UNIT SERVICE FACTOR	100	100	87.6
20. UNIT AVAILABILITY FACTOR	100	100	87.6
21. UNIT CAPACITY FACTOR (MDC NET)	101.1	102.3	86
22. UNIT CAPACITY FACTOR (DER NET)	97.7	98.9	81.3
23. UNIT FORCED OUTAGE RATE	0	0	2.4
24. FORCED OUTAGE HOURS	0.0	0.0	3984.7

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: FEBRUARY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
02/10/96	2	S	0	B	5	N/A		

NOTES: Condenser tube cleaning, repair of turbine control valve CV-4.

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