



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

February 8, 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
January 1996

Attached is the Monthly Operating Report for January 1996 for the Prairie
Island 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 02/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 1996

Unit 1 began the month in coastdown operation. On the 5th at 2000 the Unit started a power reduction to bring the Unit off-line and start the refueling and maintenance outage. The generator was taken off-line on the 5th at 2153 and the reactor was taken subcritical at 2315.

This ends fuel cycle number 17.

This ended a continuous operating run (generator on-line) of 321.2 days.

This ended a continuous reactor run (critical) of 512.3 days.

As of the 31st the outage is at day number 26.

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 02/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4378

AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: JANUARY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
01/01/96	420
01/02/96	417
01/03/96	407
01/04/96	406
01/05/96	354
01/06/96	-14
01/07/96	-3
01/08/96	-1
01/09/96	-1
01/10/96	-1
01/11/96	-1
01/12/96	-1
01/13/96	-1
01/14/96	-1
01/15/96	-1
01/16/96	-1
01/17/96	-1
01/18/96	-1
01/19/96	-1
01/20/96	-1
01/21/96	-1
01/22/96	-1
01/23/96	-1
01/24/96	-1
01/25/96	-1
01/26/96	-1
01/27/96	-1
01/28/96	-1
01/29/96	-1
01/30/96	-1
01/31/96	-1

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

DATE 02/02/96

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

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JANUARY 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	744	193968
12. NUMBER OF HOURS REACTOR CRITICAL	119.3	119.3	166478.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	117.9	117.9	164810.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	151245	151245	261304728
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	51000	51000	86174710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	47126	47126	81021431
19. UNIT SERVICE FACTOR	15.8	15.8	85
20. UNIT AVAILABILITY FACTOR	15.8	15.8	85
21. UNIT CAPACITY FACTOR (MDC NET)	12.3	12.3	82.9
22. UNIT CAPACITY FACTOR (DER NET)	12	12	78.8
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):
Refueling and maintenance outage starting on January 6, 1996.
- 26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:
February 15, 1996

NRC MONTHLY REPORT

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 02/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
01/01/96	1	S	0	C	5	N/A		
NOTES: Coast down operation.								
01/01/96	1	S	626.1	C	1	N/A		Fuel
NOTES: Refueling & Maintenance Outage								

<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 02/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 1996

Unit 2 was base loaded this month, there were no shutdowns or power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 218 DAYS

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 02/02/96
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: JANUARY 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
01/01/96	528
01/02/96	530
01/03/96	523
01/04/96	530
01/05/96	527
01/06/96	526
01/07/96	533
01/08/96	531
01/09/96	526
01/10/96	529
01/11/96	533
01/12/96	534
01/13/96	529
01/14/96	530
01/15/96	531
01/16/96	530
01/17/96	533
01/18/96	526
01/19/96	534
01/20/96	531
01/21/96	531
01/22/96	527
01/23/96	534
01/24/96	533
01/25/96	526
01/26/96	530
01/27/96	535
01/28/96	526
01/29/96	530
01/30/96	529
01/31/96	530

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 02/02/96
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 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	744	185086
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	163553.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	162133.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224000	1224000	258017069
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	415170	415170	84316480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394207	394207	79719871
19. UNIT SERVICE FACTOR	100	100	87.6
20. UNIT AVAILABILITY FACTOR	100	100	87.6
21. UNIT CAPACITY FACTOR (MDC NET)	103.5	103.5	85.9
22. UNIT CAPACITY FACTOR (DER NET)	100	100	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

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 02/02/96
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
01/01/96	2	N/A	0					

NOTES: None for January.

<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		