



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

February 9, 2000

Technical Specifications 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, 2000**

Attached is the Monthly Operating Report for January, 2000 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen
Site General Manager
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
State of Minnesota – Steve Minn

Attachment

IE24

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 2/4/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 2000

During the month of January, Unit 1 was base loaded. There were no shutdowns or power reductions.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 249 DAYS

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

DATE 2/4/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JANUARY 2000
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 536
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
- 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	229032
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	197232.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	195327.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225051	1225051	310929944
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	427760	427760	102993350
18. NET ELECTRICAL ENERGY GENERATED (MWH)	407481	407481	96919742
19. UNIT SERVICE FACTOR	100.0	100.0	85.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	104.9	104.9	83.6
22. UNIT CAPACITY FACTOR (DER NET)	102.2	102.2	79.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

NRC MONTHLY REPORT

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2000	1	N/A	0					
NOTES:	None.							

<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 2/4/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 2000

During the month of January, Unit 2 was base loaded. There were no shutdowns or power reductions.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 2/4/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: JANUARY 2000
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 536
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
- 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	220150
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	194791.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	193219.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224774	1224774	308512080
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426750	426750	101311690
18. NET ELECTRICAL ENERGY GENERATED (MWH)	407195	407195	95790967
19. UNIT SERVICE FACTOR	100.0	100.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	104.8	104.8	86.4
22. UNIT CAPACITY FACTOR (DER NET)	102.1	102.1	82.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2000	2	N/A	0					
NOTES: None.								

<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		