



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Weich, Minnesota 55089

August 5, 1999

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
July 1999

Attached is the Monthly Operating Report for July, 1999 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

JE 24/1

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PDR ADOCK 05000282
R PDR

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 8/3/1999
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JULY 1999

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 65 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 8/3/1999
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: JULY 1999
- 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	5087	224615
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	4028.3	192815.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	3971.5	190910.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1226068	6449929	303680284
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413370	2212050	100482020
18. NET ELECTRICAL ENERGY GENERATED (MWH)	389285	2088860	94532342
19. UNIT SERVICE FACTOR	100.0	78.1	85.0
20. UNIT AVAILABILITY FACTOR	100.0	78.1	85.0
21. UNIT CAPACITY FACTOR (MDC NET)	100.2	78.7	83.2
22. UNIT CAPACITY FACTOR (DER NET)	97.6	76.6	79.3
23. UNIT FORCED OUTAGE RATE	0.0	3.8	4.7
24. FORCED OUTAGE HOURS	0.0	156.6	9483.8

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JULY 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/1999	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 800-1984(P805-D5)
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	
	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 8/3/1999

COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JULY 1999

During the month of July, 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 8/3/1999
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JULY 1999
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	5087	215733
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5052.8	190374.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	5017.9	188802.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225790	8125179	301276260
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	412370	2773070	98809000
18. NET ELECTRICAL ENERGY GENERATED (MWH)	388273	2624193	93410522
19. UNIT SERVICE FACTOR	100.0	98.6	87.5
20. UNIT AVAILABILITY FACTOR	100.0	98.6	87.5
21. UNIT CAPACITY FACTOR (MDC NET)	100.0	98.8	86.1
22. UNIT CAPACITY FACTOR (DER NET)	97.4	96.2	81.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JULY 1999

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
7/31/1999	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		