



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

September 4, 1998

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
August 1998

Attached is the Monthly Operating Report for August 1998 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen
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 9/4/1998

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 1998

During the month of August, Unit 1 was base loaded. There was one power reduction and there were no shutdowns.

On August 2nd, the Unit reduced load to perform condenser tube cleaning and maintenance.

CURRENT CONTINUOUS OPERATING RUN OF 74 DAYS

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 9/4/1998
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: AUGUST 1998
- 3. LICENSED THERMAL POWER (MWT): 1650
- 4. NAMEPLATE RATING (GROSS MWE): 593
- 5. DESIGN ELECTRICAL RATING (NET MWE): 543
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 558
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 526
- 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	5831	216599
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5537.9	186314.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	744.0	5501.2	184489.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1211247	8949600	293227443
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	412020	3060820	96879530
18. NET ELECTRICAL ENERGY GENERATED (MWH)	388629	2894311	91128632
19. UNIT SERVICE FACTOR	100.0	94.3	85.2
20. UNIT AVAILABILITY FACTOR	100.0	94.3	85.2
21. UNIT CAPACITY FACTOR (MDC NET)	99.3	94.6	83.2
22. UNIT CAPACITY FACTOR (DER NET)	98.6	91.6	79.2
23. UNIT FORCED OUTAGE RATE	0.0	5.3	4.6
24. FORCED OUTAGE HOURS	0.0	306.5	6847.2

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 1998

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/2/1998	1	S	0	B	5	N/A	N/A	N/A

NOTES: Condenser tube cleaning.

<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 LICENSURE 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 9/4/1998
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 1998

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

CURRENT CONTINUOUS OPERATING RUN OF 180 DAYS

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 9/4/1998
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: AUGUST 1998
- 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	5831	207717
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	4908.1	183634.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	4899.3	182126.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224621	8002685	290467272
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	403660	2637780	95135190
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380511	2487084	89938254
19. UNIT SERVICE FACTOR	100.0	84.0	87.7
20. UNIT AVAILABILITY FACTOR	100.0	84.0	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	99.9	83.3	86.2
22. UNIT CAPACITY FACTOR (DER NET)	96.5	80.5	81.7
23. UNIT FORCED OUTAGE RATE	0.0	16.0	3.0
24. FORCED OUTAGE HOURS	0.0	931.7	5662.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 1998

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/31/1998	2		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		