



Nuclear Management Company, LLC
Prairie Island Nuclear Generating Plant
1717 Wakonade Dr. East • Welch MN 55089

October 3, 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
September, 2000

Attached is the Monthly Operating Report for September, 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 – James Bernstein

Attachment

IE24

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/2/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2000

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

On the 16th, the Unit reduced power to perform a turbine valve test and to clean condenser tubes. The Unit returned to full power operation early of the 18th.

There are no other items to report.

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

DATE 10/2/2000

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

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: SEPTEMBER 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	720	6575	234863
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6575.0	203063.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6575.0	201158.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1161003	10771302	320476195
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	398360	3696670	106262260
18. NET ELECTRICAL ENERGY GENERATED (MWH)	376813	3497824	100010085
19. UNIT SERVICE FACTOR	100.0	100.0	85.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.6
21. UNIT CAPACITY FACTOR (MDC NET)	100.3	101.9	84.1
22. UNIT CAPACITY FACTOR (DER NET)	97.6	99.3	80.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2000

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/16/2000	1	S	0	B	5	N/A	N/A	N/A
NOTES:		Turbine valve testing & 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 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 10/2/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2000

During the month of September, Unit 2 was base loaded. There were no shutdowns and only one power reduction.

On the 23rd the Unit reduced power to perform a turbine valve test. The Unit returned to full power operation on the 24th.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 10/2/2000
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: SEPTEMBER 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	720	6575	225981
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	5649.2	199697.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	5612.4	198087.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1178369	9173817	316461123
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	404990	3148090	104033030
18. NET ELECTRICAL ENERGY GENERATED (MWH)	383356	2975180	98358952
19. UNIT SERVICE FACTOR	100.0	85.4	87.7
20. UNIT AVAILABILITY FACTOR	100.0	85.4	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	102.0	86.7	86.4
22. UNIT CAPACITY FACTOR (DER NET)	99.3	84.4	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: SEPTEMBER 200

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/23/2000	2	S	0	B	5	N/A	N/A	N/A

NOTES: Turbine valve testing.

<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		