



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

May 3, 2001

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
April, 2001

Attached is the Monthly Operating Report for April, 2001 for the Prairie Island Nuclear Generating Plant.

Joel P. Sorensen
Site Vice President
Prairie Island Nuclear Generating Plant

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

Attachment

IE 24

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 5/2/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2001

During the month of April, Unit 1 was base loaded and the Unit did not experience any shutdowns, however, the Unit did have two power reductions.

On the 1st, the power was reduced to allow removal of 12 Reactor Vessel Support Fan so that it could be repaired. The Unit returned to full power operation later that day.

On the 4th, the power was reduced to return the repaired 12 Reactor Vessel Support Fan to operation. The unit returned to full power operation on the 5th.

Because of the change to daylight saving time this month had 719 hours.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 64 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 5/2/2001
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: APRIL 2001
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	719	2879	239951
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2023.6	207018.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	719.0	1989.6	205072.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1167568	3118901	326732447
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	405980	1085600	108442510
18. NET ELECTRICAL ENERGY GENERATED (MWH)	386636	1028576	102077342
19. UNIT SERVICE FACTOR	100.0	69.1	85.5
20. UNIT AVAILABILITY FACTOR	100.0	69.1	85.5
21. UNIT CAPACITY FACTOR (MDC NET)	103.0	68.4	83.9
22. UNIT CAPACITY FACTOR (DER NET)	100.3	66.7	80.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	9483.8

NRC MONTHLY REPORT

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UNIT PRAIRIE ISLAND NO. 1

DATE 5/2/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/1/2001	1	S	0	B	5	N/A	N/A	N/A
NOTES: Repair 12 Reactor Vessel Support Fan.								
4/4/2001	1	S	0	B	5	N/A	N/A	N/A
NOTES: Repair 12 Reactor Vessel Support Fan.								

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

9-OTHER

SYSTEM CODE

DRAFT IEEE STD
800-1984(P805-D5)

COMPONENT CODE

IEEE STD 803A-1983

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 5/2/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2001

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

On the 6th, the Unit began a load reduction to clean condenser tubes and water boxes, and to perform a Turbine Valve Test. The Unit returned to full power operation on the 8th.

Because of the change to daylight saving time this month had 719 hours.

There are no other items to report.

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 5/2/2001

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: APRIL 2001
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	719	2879	231069
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2879.0	204785.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	719.0	2879.0	203175.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1157054	4708399	324800034
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	401380	1639510	106937460
18. NET ELECTRICAL ENERGY GENERATED (MWH)	382227	1560646	101123552
19. UNIT SERVICE FACTOR	100.0	100.0	87.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.9
21. UNIT CAPACITY FACTOR (MDC NET)	101.8	103.8	86.8
22. UNIT CAPACITY FACTOR (DER NET)	99.2	101.1	82.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	5662.8

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UNIT PRAIRIE ISLAND NO. 2

DATE 5/2/2001

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/6/2001	2	S	0	B	5	N/A	N/A	N/A

NOTES: Condenser & water box cleaning, 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		