



Mano K. Nazar
Site Vice President
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Prairie Island Nuclear Generating Plant
1717 Wakonade Dr. East • Welch MN 55089

May 8, 2002

Technical Specifications 6.6.D

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, 2002

Attached is the Monthly Operating Report for April, 2002 for the Prairie Island Nuclear Generating Plant.

Mano Nazar
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

IE24

Rec'd 7/23/02

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 5/2/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2002

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

On the 20th, the Unit reduced power to clean condenser water boxes and to conduct a turbine valve test.

There are no other items to report.

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

DATE 5/2/2002

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 2002
- 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	248711
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2879.0	214811.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	719.0	2879.0	212853.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1161471	4714982	339484238
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	399310	1637990	112844240
18. NET ELECTRICAL ENERGY GENERATED (MWH)	377603	1557390	106247897
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)	100.6	103.6	84.2
22. UNIT CAPACITY FACTOR (DER NET)	98.0	100.9	80.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/20/2002	1	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		

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2**

DATE 5/2/2002

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: APRIL 2002

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

On the 27th, the Unit reduced power to clean condenser water boxes and to conduct a turbine valve test.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 5/2/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: APRIL 2002
- 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	239829
12. NUMBER OF HOURS REACTOR CRITICAL	719.0	2225.1	212223.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	719.0	2201.9	210530.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1167545	3536707	336733505
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	401040	1224310	111034690
18. NET ELECTRICAL ENERGY GENERATED (MWH)	379314	1160157	104994027
19. UNIT SERVICE FACTOR	100.0	76.5	87.8
20. UNIT AVAILABILITY FACTOR	100.0	76.5	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	101.1	77.2	86.7
22. UNIT CAPACITY FACTOR (DER NET)	98.4	75.2	82.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

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DATE 5/2/2002
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: APRIL 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
4/27/2002	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		