

Mano M. Nazar
Site Vice President
Nuclear Management Company, LLC

Prairie Island Nuclear Generating Plant
1717 Watonside Dr. East • Watch MN 55089

July 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
June, 2002

Attached is the Monthly Operating Report for June, 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

JE24

NRC MONTHLY REPORT

PRINTED 7/3/2002

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/2002

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 2002

During the month of June, Unit 1 was base loaded. There were no shutdowns. On the 24th, at 0936, problems developed in 13A feedwater heater (internal piping). This caused a loss of approximately 10 Mwe. At this time the plan is to repair the feedwater heater during the next refueling outage.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 292 DAYS

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

DATE 7/3/2002

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

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 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	720	4343	250175
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4343.0	216275.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	4343.0	214317.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185859	7126330	341895586
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	396300	2450000	113656250
18. NET ELECTRICAL ENERGY GENERATED (MWH)	372871	2322020	107012527
19. UNIT SERVICE FACTOR	100.0	100.0	85.7
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.7
21. UNIT CAPACITY FACTOR (MDC NET)	99.2	102.4	84.3
22. UNIT CAPACITY FACTOR (DER NET)	96.6	99.7	80.6
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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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 7/3/2002

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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/24/2002	1	F	0	A	5	N/A	N/A	N/A
NOTES: 13 A Feedwater Heater, possible steam extraction line damage.								

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

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

DATE 7/3/2002

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JUNE 2002

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 120 DAYS

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 7/3/2002

COMPLETED BY DALE DUGSTAD

PHONE 651-388-1121-4376

OPERATING DATA REPORTOPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JUNE 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	720	4343	241293
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	3689.1	213687.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	3665.9	211994.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185883	5948206	339145004
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	399320	2041140	111851520
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375754	1929091	105762961
19. UNIT SERVICE FACTOR	100.0	84.4	87.9
20. UNIT AVAILABILITY FACTOR	100.0	84.4	87.9
21. UNIT CAPACITY FACTOR (MDC NET)	100.0	85.1	86.8
22. UNIT CAPACITY FACTOR (DER NET)	97.4	82.9	82.6
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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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2002	2	N/A	0			N/A	N/A	N/A
NOTES: None.								

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

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