



Nuclear Management Company, LLC

Prairie Island Nuclear Generating Plant
1717 Wakonade Dr. East • Welch MN 55089

April 9, 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
March, 2002

Attached is the Monthly Operating Report for March, 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

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MARCH 2002

During the month of March, Unit 1 was base loaded. There were no shutdowns or power reductions.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 201 DAYS

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: **PRAIRIE ISLAND NO. 1**
- 2. REPORTING PERIOD: **MARCH 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	744	2160	247992
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	2160.0	214092.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	2160.0	212134.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224473	3553511	338322767
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426850	1238680	112444930
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406784	1179787	105870294
19. UNIT SERVICE FACTOR	100.0	100.0	85.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.5
21. UNIT CAPACITY FACTOR (MDC NET)	104.7	104.6	84.1
22. UNIT CAPACITY FACTOR (DER NET)	102.0	101.9	80.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MARCH 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
3/31/2002	1	N/A	0			N/A	N/A	N/A
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		

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

DATE 4/3/2002

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MARCH 2002

Unit 2 began the month of March in a refueling outage that started on the 1st of February, at 2113. With outage activities completed, the reactor was taken critical on the 1st of March at 0353. The generator was placed on-line on the 2nd at 0221. Unit 2 reached full power operations on the 4th at 0249.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 4/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: MARCH 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	744	2160	239110
12. NUMBER OF HOURS REACTOR CRITICAL	740.1	1506.1	211504.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	717.7	1482.9	209811.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1142075	2369162	335565960
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	396640	823270	110633650
18. NET ELECTRICAL ENERGY GENERATED (MWH)	377034	780843	104614713
19. UNIT SERVICE FACTOR	96.5	68.7	87.7
20. UNIT AVAILABILITY FACTOR	96.5	68.7	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	97.1	69.3	86.6
22. UNIT CAPACITY FACTOR (DER NET)	94.5	67.4	82.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.0
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MARCH 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
3/1/2002	2	S	26.3	C	4	N/A	N/A	N/A

NOTES: Continuation of refueling outage that began on 2-1-02.

<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. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/3/2002
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AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: MARCH 2002

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
3/1/2002	545
3/2/2002	546
3/3/2002	546
3/4/2002	544
3/5/2002	548
3/6/2002	553
3/7/2002	537
3/8/2002	552
3/9/2002	543
3/10/2002	552
3/11/2002	545
3/12/2002	549
3/13/2002	546
3/14/2002	545
3/15/2002	547
3/16/2002	546
3/17/2002	546
3/18/2002	548
3/19/2002	549
3/20/2002	544
3/21/2002	548
3/22/2002	547
3/23/2002	547
3/24/2002	547
3/25/2002	547
3/26/2002	548
3/27/2002	546
3/28/2002	547
3/29/2002	548
3/30/2002	546
3/31/2002	547

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UNIT PRAIRIE ISLAND NO. 2
DATE 4/3/2002
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PHONE 651-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: MARCH 2002

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
3/1/2002	-16
3/2/2002	108
3/3/2002	350
3/4/2002	539
3/5/2002	547
3/6/2002	552
3/7/2002	535
3/8/2002	551
3/9/2002	541
3/10/2002	550
3/11/2002	542
3/12/2002	546
3/13/2002	545
3/14/2002	545
3/15/2002	547
3/16/2002	546
3/17/2002	546
3/18/2002	548
3/19/2002	549
3/20/2002	554
3/21/2002	537
3/22/2002	546
3/23/2002	545
3/24/2002	544
3/25/2002	544
3/26/2002	544
3/27/2002	541
3/28/2002	546
3/29/2002	547
3/30/2002	544
3/31/2002	546

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

DATE 3/11/2002

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: FEBRUARY 2002

During the month of ^{February} ~~January~~, Unit 1 was base loaded. There were no shutdowns or power reductions.

Corrected report, month was not changed. 4-3-02 ~~B~~

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 3/19/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: FEBRUARY 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) 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	672	1416	238366
12. NUMBER OF HOURS REACTOR CRITICAL	22.0	766.0	210764.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	21.2	765.2	209093.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	31464	1227087	334423885
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	10200	426630	110237010
18. NET ELECTRICAL ENERGY GENERATED (MWH)	7134	403809	104237679
19. UNIT SERVICE FACTOR	3.2	54.0	87.7
20. UNIT AVAILABILITY FACTOR	3.2	54.0	87.7
21. UNIT CAPACITY FACTOR (MDC NET)	2.0	54.6	86.6
22. UNIT CAPACITY FACTOR (DER NET)	2.0	53.2	82.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.0
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

NOTE: Corrected report for line 12. The reactor was critical for 22 hours and non critical for 650 hours.
March 19, 2002.