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Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC
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December 12, 2002

Technical Specifications 5.6.4

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
November 2002

Attached is the Monthly Operating Report for November 2002 for the Prairie Island Nuclear Generating Plant. The Nuclear Management Company has not made new or revised existing Nuclear Regulatory Commission commitments in this letter or the attachment.

Mano K. Nazar
Site Vice President
Prairie Island Nuclear Generating Plant

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

Attachment: Monthly Operating Report; November 2002

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

DATE 12/10/2002

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: NOVEMBER 2002

During the month of November, Unit 1 was base loaded. There was one power reduction and one shutdown.

On the 4th at 0107, the Unit started coastdown operation to prepare for the scheduled refueling outage.

The outage started on the 15th at 2021, when the reactor was manually tripped due to a high level in the 13A Feedwater Heater which could not be reduced. This was a planned decision in response to a known problem with an extraction bellows.

The Unit remained in the refueling outage for the rest of the month.

There are no other items to report.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 12/10/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: NOVEMBER 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	8016	253848
12. NUMBER OF HOURS REACTOR CRITICAL	356.3	7652.3	219584.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	356.3	7652.3	217626.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	566001	12550592	347319848
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	195070	4284020	115490270
18. NET ELECTRICAL ENERGY GENERATED (MWH)	184789	4055311	108745818
19. UNIT SERVICE FACTOR	49.5	95.5	85.7
20. UNIT AVAILABILITY FACTOR	49.5	95.5	85.7
21. UNIT CAPACITY FACTOR (MDC NET)	49.2	96.9	84.4
22. UNIT CAPACITY FACTOR (DER NET)	47.9	94.4	80.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

NRC MONTHLY REPORT

PRINTED 12/10/2002

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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: NOVEMBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/15/2002	1	S	363.7	C	2	02-02	N/A	N/A

NOTES: Refueling outage.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD 800-1984(P805-D5)
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	
	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 12/10/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: NOVEMBER 2002

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

There are no other items to report.

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 12/10/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

OPERATING DATA REPORT

OPERATING STATUS:

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: NOVEMBER 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	8016	244966
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	7362.1	217360.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	7338.9	215667.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185883	11988670	345185468
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	412780	4110190	113920570
18. NET ELECTRICAL ENERGY GENERATED (MWH)	393411	3889432	107723302
19. UNIT SERVICE FACTOR	100.0	91.6	88.0
20. UNIT AVAILABILITY FACTOR	100.0	91.6	88.0
21. UNIT CAPACITY FACTOR (MDC NET)	104.7	93.0	87.0
22. UNIT CAPACITY FACTOR (DER NET)	101.9	90.5	82.8
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: NOVEMBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
11/30/2002	2	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		