



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

November 7, 2001

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
October, 2001

Attached is the Monthly Operating Report for October, 2001 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 11/6/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2001

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 50 DAYS

**DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 11/6/2001
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376**

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: OCTOBER 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	745	7296	244368
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	5473.5	210468.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	745.0	5427.7	208510.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225489	8746394	332359940
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	427010	3009490	110366400
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406648	2841284	103890050
19. UNIT SERVICE FACTOR	100.0	74.4	85.3
20. UNIT AVAILABILITY FACTOR	100.0	74.4	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	104.6	74.6	83.8
22. UNIT CAPACITY FACTOR (DER NET)	101.8	72.7	80.1
23. UNIT FORCED OUTAGE RATE	0.0	15.3	4.8
24. FORCED OUTAGE HOURS	0.0	978.9	10462.7

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/31/2001	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 11/6/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2001

During the month of October, Unit 2 was base loaded. There was one power reduction and one shutdown.

On the 27th, the Unit started a reduction to perform a Turbine valve test. This was completed and the Unit returned to full power on the 28th.

On the 31st, while attempting to repair CV-31385, 21 AIR EJECTOR MS SPLY CV, the piping to the valve broke. This caused a loss of vacuum (differential vacuum between the A and B condensers) and the operators manually tripped the Unit.

The Unit remained at hot shutdown through the end of the month.

This ended a continuous operating run of approximately 146 days.

There are no other items to report.

**DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 11/6/2001
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376**

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: OCTOBER 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	745	7296	235486
12. NUMBER OF HOURS REACTOR CRITICAL	735.2	6663.9	208570.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	735.2	6631.0	206927.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1205773	10819473	330911108
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	419230	3716880	109014830
18. NET ELECTRICAL ENERGY GENERATED (MWH)	398956	3513797	103076703
19. UNIT SERVICE FACTOR	98.7	90.9	87.9
20. UNIT AVAILABILITY FACTOR	98.7	90.9	87.9
21. UNIT CAPACITY FACTOR (MDC NET)	102.6	92.3	86.7
22. UNIT CAPACITY FACTOR (DER NET)	99.9	89.9	82.5
23. UNIT FORCED OUTAGE RATE	1.3	9.1	3.0
24. FORCED OUTAGE HOURS	9.8	665.0	6327.8

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/27/2001	2	S	0	B	5	N/A	N/A	N/A
NOTES: Turbine valve test.								
10/31/2001	2	F	9.8	A	2	2-01-05	N/A	N/A
NOTES: Lost vacuum while attempting to repair CV-31385.								

<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		