



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

September 10, 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
August, 2001

Attached is the Monthly Operating Report for August, 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 9/10/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 2001

During the month of August, Unit 1 was base loaded. There were two shutdowns. The Unit was in a forced outage for most of the month.

On the 1st at 0701, Unit 1 tripped from 100% power. The trip initiator was a negative flux rate. The cause of the trip was an electrical short in rod control cabinet 2AC. The short was caused by water dripping into the cabinet. After all equipment was repaired and tested, the reactor was made critical on the 3rd at 1153 and the generator was placed on-line at 1730.

The Unit was at approximately 25% power when another trip occurred. The time of the trip was 2040 (still on the 3rd). This trip was due to an electrical fire that started in bus 12. This fire was in the turbine building by bus 12. The cause of this event was a poor electrical connection between breaker 12-4 primary disconnect assembly and cubicle 12-4 1MY bus stab. The Unit remained in a forced outage for the rest of the month for equipment repairs.

This ended a continuous operating run of approximately 156 days.

There are no other items to report.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 9/5/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: AUGUST 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	744	5831	242903
12. NUMBER OF HOURS REACTOR CRITICAL	16.1	4247.7	209242.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	10.2	4207.8	207290.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	14226	6768947	330382493
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	5920	2325400	109682310
18. NET ELECTRICAL ENERGY GENERATED (MWH)	1865	2193372	103242138
19. UNIT SERVICE FACTOR	1.4	72.2	85.3
20. UNIT AVAILABILITY FACTOR	1.4	72.2	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	0.5	72.1	83.8
22. UNIT CAPACITY FACTOR (DER NET)	0.5	70.2	80.1
23. UNIT FORCED OUTAGE RATE	98.6	14.8	4.7
24. FORCED OUTAGE HOURS	733.8	733.8	10217.6

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

DATE 9/5/2001

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/1/2001	1	F	58.5	A	3	1-01-04	N/A	N/A
NOTES: Reactor trip caused by Rod control cabinet short due to water.								
8/3/2001	1	F	675.3	A	3	1-01-05	N/A	N/A
NOTES: Reactor trip caused by fire and failure of Bus 12.								

<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 9/5/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: AUGUST 2001

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 86 DAYS

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 9/5/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: AUGUST 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	744	5831	234021
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	5208.7	207114.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	5175.8	205472.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224042	8429242	328520877
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	412610	2890870	108188820
18. NET ELECTRICAL ENERGY GENERATED (MWH)	388170	2729470	102292376
19. UNIT SERVICE FACTOR	100.0	88.8	87.8
20. UNIT AVAILABILITY FACTOR	100.0	88.8	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	99.9	89.7	86.6
22. UNIT CAPACITY FACTOR (DER NET)	97.3	87.3	82.4
23. UNIT FORCED OUTAGE RATE	0.0	11.2	3.0
24. FORCED OUTAGE HOURS	0.0	655.2	6318.0

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: AUGUST 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
8/31/2001	2	N/A	0					
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		