



Nuclear Management Company, LLC

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

October 8, 2001

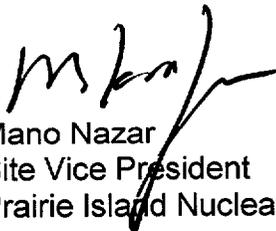
Technical Specifications 6.6.D

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
September, 2001

Attached is the Monthly Operating Report for September, 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 10/2/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2001

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

Unit 1 started the month of September in a forced outage. The outage began on August 3rd, at 2040, due to an electrical fire in bus 12.

After equipment was repaired and tested the reactor was taken critical (9-10-2001 @ 2313) and the generator was placed on-line (9-11-2001 @ 0507).

The power reduction ended on the 12th at 1732 when the Unit reached full power operation.

This ended a continuous operating run of approximately 156 days.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 19 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 10/2/2001
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: SEPTEMBER 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	720	6551	243623
12. NUMBER OF HOURS REACTOR CRITICAL	480.8	4728.5	209723.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	474.9	4682.7	207765.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	751958	7520905	331134451
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	257080	2582480	109939390
18. NET ELECTRICAL ENERGY GENERATED (MWH)	241264	2434636	103483402
19. UNIT SERVICE FACTOR	66.0	71.5	85.3
20. UNIT AVAILABILITY FACTOR	66.0	71.5	85.3
21. UNIT CAPACITY FACTOR (MDC NET)	64.2	71.2	83.8
22. UNIT CAPACITY FACTOR (DER NET)	62.5	69.3	80.0
23. UNIT FORCED OUTAGE RATE	34.0	17.3	4.8
24. FORCED OUTAGE HOURS	245.1	978.9	10462.7

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 10/2/2001
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2001

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/1/2001	1	F	245.1	A	4	N/A	N/A	N/A
NOTES: Reactor trip caused by fire and failure of Bus 12. (started 8-3-01)								

<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 10/2/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2001

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 116 DAYS

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 10/2/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: SEPTEMBER 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	720	6551	234741
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	5928.7	207834.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	5895.8	206192.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184458	9613700	329705335
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	406780	3297650	108595600
18. NET ELECTRICAL ENERGY GENERATED (MWH)	385371	3114841	102677747
19. UNIT SERVICE FACTOR	100.0	90.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	90.0	87.8
21. UNIT CAPACITY FACTOR (MDC NET)	102.5	91.1	86.7
22. UNIT CAPACITY FACTOR (DER NET)	99.9	88.7	82.4
23. UNIT FORCED OUTAGE RATE	0.0	10.0	3.0
24. FORCED OUTAGE HOURS	0.0	655.2	6318.0

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 10/2/2001
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 200

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/30/2001	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 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		