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

October 8, 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
September, 2002

Attached is the Monthly Operating Report for September, 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

MONTHLY OPERATING REPORT

Prairie Island Nuclear Generating Plant E

Report Period September 2002

August 10.3.02

Prepared by

M. R. Keller 10/4/02

Reviewed by

Jack Leveille 10/7/02

Licensing Review

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2002

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

There are no other items to report.

YTD CUMULATIVE

CURRENT CONTINUOUS OPERATING RUN OF 384 DAYS

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: **PRAIRIE ISLAND NO. 1**
- 2. REPORTING PERIOD: **SEPTEMBER 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	6551	252383
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6551.0	218483.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6551.0	216525.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185859	10760118	345529374
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	400590	3667160	114873410
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378538	3469124	108159631
19. UNIT SERVICE FACTOR	100.0	100.0	85.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.8
21. UNIT CAPACITY FACTOR (MDC NET)	100.7	101.4	84.4
22. UNIT CAPACITY FACTOR (DER NET)	98.1	98.8	80.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.6
24. FORCED OUTAGE HOURS	0.0	0.0	10462.7

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2002

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/30/2002	1	N/A	0			N/A	N/A	N/A
NOTES:		None for September.						

<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 10/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2002

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

There are no other items to report.

UNIT	OPERATIVE
1	212
2	212
3	212
4	212
5	212
6	212
7	212
8	212
9	212
10	212
11	212
12	212
13	212
14	212
15	212
16	212
17	212
18	212
19	212
20	212
21	212
22	212
23	212
24	212
25	212
26	212
27	212
28	212
29	212
30	212
TOTAL	212

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 10/3/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: SEPTEMBER 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	6551	243501
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	5897.1	215895.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	5873.9	214202.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185883	9581246	342778044
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	405240	3272110	113082490
18. NET ELECTRICAL ENERGY GENERATED (MWH)	384044	3090492	106924362
19. UNIT SERVICE FACTOR	100.0	89.7	88.0
20. UNIT AVAILABILITY FACTOR	100.0	89.7	88.0
21. UNIT CAPACITY FACTOR (MDC NET)	102.2	90.4	86.9
22. UNIT CAPACITY FACTOR (DER NET)	99.5	88.0	82.7
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: SEPTEMBER 200

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/30/2002	2	N/A	0			N/A	N/A	N/A

NOTES: None for September.

<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		