



October 9, 2003

L-PI-03-093
Technical Specification 5.6.4

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

**PRAIRIE ISLAND NUCLEAR GENERATING PLANT
DOCKETS. 50-282 AND 50-306
LICENSE NOS. DPR-42 AND DPR-60
MONTHLY OPERATING REPORT- SEPTEMBER 2003**

Attached is the Monthly Operating Report for September 2003 for the Prairie Island Nuclear Generating Plant. During the later part of September, Unit 2 was shutdown for a Refueling Outage. The Nuclear Management Company has not made new or revised existing Nuclear Regulatory Commission commitments in this letter or the attachment.

Joseph M. Solymossy
Site Vice President, Prairie Island Nuclear Generating Plant

CC Regional Administrator, USNRC, Region III
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR
NRC Resident Inspector, Prairie Island Nuclear Generating Plant
Glenn Wilson, State of Minnesota

Attachment: NRC Monthly Report; September 2003

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**DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 10/3/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2003

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

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 163 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 10/3/2003
 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 2003
- 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	261143
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6551.0	226770.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	6410.6	224654.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1184766	10492913	358778691
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	406030	3593770	119419700
18. NET ELECTRICAL ENERGY GENERATED (MWH)	383913	3397235	112460976
19. UNIT SERVICE FACTOR	100.0	97.9	86.0
20. UNIT AVAILABILITY FACTOR	100.0	97.9	86.0
21. UNIT CAPACITY FACTOR (MDC NET)	102.1	99.3	84.8
22. UNIT CAPACITY FACTOR (DER NET)	99.5	96.8	81.1
23. UNIT FORCED OUTAGE RATE	0.0	2.1	4.5
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/30/2003	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 10/3/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 2003

During the month of September, Unit 2 was base loaded and in coastdown operation. On the 12th at 0703, the Unit began a load decrease to start the 2R22 refueling outage. At 2031, the turbine tripped due to loss of condenser vacuum. The reactor was at less than 10% power with P9 permissive in, therefore it did not trip. The reactor was manually tripped at 2158 (same day). The Unit remained in the refueling outage for the rest of the month. This ended 559 consecutive days of operation, the longest run in the two-unit plant's history.

There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS

**DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 10/3/2003
 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 2003
- 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	252261
12. NUMBER OF HOURS REACTOR CRITICAL	286.0	6117.0	224221.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	284.5	6115.5	222527.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	405482	9944507	356355591
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	136160	3396500	117743310
18. NET ELECTRICAL ENERGY GENERATED (MWH)	125415	3212778	111342681
19. UNIT SERVICE FACTOR	39.5	93.4	88.2
20. UNIT AVAILABILITY FACTOR	39.5	93.4	88.2
21. UNIT CAPACITY FACTOR (MDC NET)	33.4	94.0	87.3
22. UNIT CAPACITY FACTOR (DER NET)	32.5	91.5	83.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 10/3/2003
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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
9/12/2003	2	S	0	C	5	N/A	N/A	N/A
NOTES: Load decrease for start of outage.								
9/12/2003	2	S	435.5	C	2	N/A	N/A	N/A
NOTES: 2R22 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
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		