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L-PI-04-008
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- DECEMBER 2003

Attached is the Monthly Operating Report for December 2003 for the Prairie Island Nuclear Generating Plant. 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, December 2003

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 1/6/2004
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 2003

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

There are no other items to report.

DESCRIPTION	START DATE	END DATE	REASON
REACTOR PERIOD	12/01/03	12/31/03	Normal Operation
STEAM GENERATOR PERIOD	12/01/03	12/31/03	Normal Operation
CONDENSER PERIOD	12/01/03	12/31/03	Normal Operation
COOLING WATER PERIOD	12/01/03	12/31/03	Normal Operation
REACTOR COOLANT SYSTEM PERIOD	12/01/03	12/31/03	Normal Operation
PRIMARY SYSTEM PERIOD	12/01/03	12/31/03	Normal Operation
SECONDARY SYSTEM PERIOD	12/01/03	12/31/03	Normal Operation
CONDENSER WATER PERIOD	12/01/03	12/31/03	Normal Operation
STEAM GENERATOR WATER PERIOD	12/01/03	12/31/03	Normal Operation
REACTOR COOLANT SYSTEM WATER PERIOD	12/01/03	12/31/03	Normal Operation
PRIMARY SYSTEM WATER PERIOD	12/01/03	12/31/03	Normal Operation
SECONDARY SYSTEM WATER PERIOD	12/01/03	12/31/03	Normal Operation
CONDENSER WATER PERIOD	12/01/03	12/31/03	Normal Operation
STEAM GENERATOR WATER PERIOD	12/01/03	12/31/03	Normal Operation

CURRENT CONTINUOUS OPERATING RUN OF 255 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 1/6/2004
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: 2003 DECEMBER 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	744	8760	263352
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	8760.0	228979.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	8619.6	226863.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1221408	14115406	362401184
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425370	4853570	120679500
18. NET ELECTRICAL ENERGY GENERATED (MWH)	405331	4596347	113660088
19. UNIT SERVICE FACTOR	100.0	98.4	86.1
20. UNIT AVAILABILITY FACTOR	100.0	98.4	86.1
21. UNIT CAPACITY FACTOR (MDC NET)	104.4	100.5	84.9
22. UNIT CAPACITY FACTOR (DER NET)	101.6	97.9	81.2
23. UNIT FORCED OUTAGE RATE	0.0	1.6	4.5
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 1/6/2004
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 2003

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

There are no other items to report.

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 1/6/2004
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: DECEMBER 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	744	8760	254470
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	8120.6	226224.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	8059.1	224470.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225905	13068884	359479968
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425570	4479620	118826430
18. NET ELECTRICAL ENERGY GENERATED (MWH)	405825	4240971	112370874
19. UNIT SERVICE FACTOR	100.0	92.0	88.2
20. UNIT AVAILABILITY FACTOR	100.0	92.0	88.2
21. UNIT CAPACITY FACTOR (MDC NET)	104.5	92.7	87.3
22. UNIT CAPACITY FACTOR (DER NET)	101.8	90.3	83.2
23. UNIT FORCED OUTAGE RATE	0.0	0.6	2.8
24. FORCED OUTAGE HOURS	0.0	44.7	6435.4

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 1/6/2004
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/31/2003	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
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		