



Prairie Island Nuclear Generating Plant
Operated by Nuclear Management Company, LLC

L-PI-04-020
Technical Specification 5.6.4

FEB 12 2004

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- JANUARY 2004

Attached is the Monthly Operating Report for January 2004 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, January 2004

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NRC MONTHLY REPORT

PRINTED 2/2/2004

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

DATE 2/2/2004

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 2004

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

There are no other items to report.

DESCRIPTION	UNIT 1	UNIT 2
1. NUCLEAR POWER PLANT	100	100
2. NUCLEAR POWER PLANT	100	100
3. NUCLEAR POWER PLANT	100	100
4. NUCLEAR POWER PLANT	100	100
5. NUCLEAR POWER PLANT	100	100
6. NUCLEAR POWER PLANT	100	100
7. NUCLEAR POWER PLANT	100	100
8. NUCLEAR POWER PLANT	100	100
9. NUCLEAR POWER PLANT	100	100
10. NUCLEAR POWER PLANT	100	100
11. NUCLEAR POWER PLANT	100	100
12. NUCLEAR POWER PLANT	100	100
13. NUCLEAR POWER PLANT	100	100
14. NUCLEAR POWER PLANT	100	100
15. NUCLEAR POWER PLANT	100	100
16. NUCLEAR POWER PLANT	100	100
17. NUCLEAR POWER PLANT	100	100
18. NUCLEAR POWER PLANT	100	100
19. NUCLEAR POWER PLANT	100	100
20. NUCLEAR POWER PLANT	100	100
21. NUCLEAR POWER PLANT	100	100
22. NUCLEAR POWER PLANT	100	100
23. NUCLEAR POWER PLANT	100	100
24. NUCLEAR POWER PLANT	100	100
25. NUCLEAR POWER PLANT	100	100
26. NUCLEAR POWER PLANT	100	100
27. NUCLEAR POWER PLANT	100	100
28. NUCLEAR POWER PLANT	100	100
29. NUCLEAR POWER PLANT	100	100
30. NUCLEAR POWER PLANT	100	100
31. NUCLEAR POWER PLANT	100	100
32. NUCLEAR POWER PLANT	100	100
33. NUCLEAR POWER PLANT	100	100
34. NUCLEAR POWER PLANT	100	100
35. NUCLEAR POWER PLANT	100	100
36. NUCLEAR POWER PLANT	100	100
37. NUCLEAR POWER PLANT	100	100
38. NUCLEAR POWER PLANT	100	100
39. NUCLEAR POWER PLANT	100	100
40. NUCLEAR POWER PLANT	100	100
41. NUCLEAR POWER PLANT	100	100
42. NUCLEAR POWER PLANT	100	100
43. NUCLEAR POWER PLANT	100	100
44. NUCLEAR POWER PLANT	100	100
45. NUCLEAR POWER PLANT	100	100
46. NUCLEAR POWER PLANT	100	100
47. NUCLEAR POWER PLANT	100	100
48. NUCLEAR POWER PLANT	100	100
49. NUCLEAR POWER PLANT	100	100
50. NUCLEAR POWER PLANT	100	100
51. NUCLEAR POWER PLANT	100	100
52. NUCLEAR POWER PLANT	100	100
53. NUCLEAR POWER PLANT	100	100
54. NUCLEAR POWER PLANT	100	100
55. NUCLEAR POWER PLANT	100	100
56. NUCLEAR POWER PLANT	100	100
57. NUCLEAR POWER PLANT	100	100
58. NUCLEAR POWER PLANT	100	100
59. NUCLEAR POWER PLANT	100	100
60. NUCLEAR POWER PLANT	100	100
61. NUCLEAR POWER PLANT	100	100
62. NUCLEAR POWER PLANT	100	100
63. NUCLEAR POWER PLANT	100	100
64. NUCLEAR POWER PLANT	100	100
65. NUCLEAR POWER PLANT	100	100
66. NUCLEAR POWER PLANT	100	100
67. NUCLEAR POWER PLANT	100	100
68. NUCLEAR POWER PLANT	100	100
69. NUCLEAR POWER PLANT	100	100
70. NUCLEAR POWER PLANT	100	100
71. NUCLEAR POWER PLANT	100	100
72. NUCLEAR POWER PLANT	100	100
73. NUCLEAR POWER PLANT	100	100
74. NUCLEAR POWER PLANT	100	100
75. NUCLEAR POWER PLANT	100	100
76. NUCLEAR POWER PLANT	100	100
77. NUCLEAR POWER PLANT	100	100
78. NUCLEAR POWER PLANT	100	100
79. NUCLEAR POWER PLANT	100	100
80. NUCLEAR POWER PLANT	100	100
81. NUCLEAR POWER PLANT	100	100
82. NUCLEAR POWER PLANT	100	100
83. NUCLEAR POWER PLANT	100	100
84. NUCLEAR POWER PLANT	100	100
85. NUCLEAR POWER PLANT	100	100
86. NUCLEAR POWER PLANT	100	100
87. NUCLEAR POWER PLANT	100	100
88. NUCLEAR POWER PLANT	100	100
89. NUCLEAR POWER PLANT	100	100
90. NUCLEAR POWER PLANT	100	100
91. NUCLEAR POWER PLANT	100	100
92. NUCLEAR POWER PLANT	100	100
93. NUCLEAR POWER PLANT	100	100
94. NUCLEAR POWER PLANT	100	100
95. NUCLEAR POWER PLANT	100	100
96. NUCLEAR POWER PLANT	100	100
97. NUCLEAR POWER PLANT	100	100
98. NUCLEAR POWER PLANT	100	100
99. NUCLEAR POWER PLANT	100	100
100. NUCLEAR POWER PLANT	100	100

CURRENT CONTINUOUS OPERATING RUN OF 286 DAYS

NRC MONTHLY REPORT

PRINTED 2/2/2004

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 2/2/2004
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JANUARY 2004
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	744	264096
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	229723.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	227607.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224462	1224462	363625646
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	425840	425840	121105340
18. NET ELECTRICAL ENERGY GENERATED (MWH)	405743	405743	114065831
19. UNIT SERVICE FACTOR	100.0	100.0	86.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.2
21. UNIT CAPACITY FACTOR (MDC NET)	104.5	104.5	85.0
22. UNIT CAPACITY FACTOR (DER NET)	101.7	101.7	81.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.5
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 2/2/2004
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2004	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 (FOR OFFICIAL USE ONLY)

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DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 2/2/2004

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: JANUARY 2004

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

There are no other items to report.

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ITEM	QTY	UNIT	PRICE	TOTAL
1. 1000 LBS. OF 100% PURE COTTON	1000	LBS.	1.00	1000.00
2. 1000 LBS. OF 100% PURE WOOL	1000	LBS.	1.00	1000.00
3. 1000 LBS. OF 100% PURE LINEN	1000	LBS.	1.00	1000.00
4. 1000 LBS. OF 100% PURE SILK	1000	LBS.	1.00	1000.00
5. 1000 LBS. OF 100% PURE CASHMERE	1000	LBS.	1.00	1000.00
6. 1000 LBS. OF 100% PURE ALPACA	1000	LBS.	1.00	1000.00
7. 1000 LBS. OF 100% PURE ANGORA	1000	LBS.	1.00	1000.00
8. 1000 LBS. OF 100% PURE MONGOLIAN	1000	LBS.	1.00	1000.00
9. 1000 LBS. OF 100% PURE PAKISTANI	1000	LBS.	1.00	1000.00
10. 1000 LBS. OF 100% PURE AFGHAN	1000	LBS.	1.00	1000.00
11. 1000 LBS. OF 100% PURE TIBETAN	1000	LBS.	1.00	1000.00
12. 1000 LBS. OF 100% PURE SIBERIAN	1000	LBS.	1.00	1000.00
13. 1000 LBS. OF 100% PURE RUSSIAN	1000	LBS.	1.00	1000.00
14. 1000 LBS. OF 100% PURE POLISH	1000	LBS.	1.00	1000.00
15. 1000 LBS. OF 100% PURE CZECH	1000	LBS.	1.00	1000.00
16. 1000 LBS. OF 100% PURE SLOVAK	1000	LBS.	1.00	1000.00
17. 1000 LBS. OF 100% PURE HUNGARIAN	1000	LBS.	1.00	1000.00
18. 1000 LBS. OF 100% PURE ROMANIAN	1000	LBS.	1.00	1000.00
19. 1000 LBS. OF 100% PURE BULGARIAN	1000	LBS.	1.00	1000.00
20. 1000 LBS. OF 100% PURE GREEK	1000	LBS.	1.00	1000.00
21. 1000 LBS. OF 100% PURE ITALIAN	1000	LBS.	1.00	1000.00
22. 1000 LBS. OF 100% PURE FRENCH	1000	LBS.	1.00	1000.00
23. 1000 LBS. OF 100% PURE SPANISH	1000	LBS.	1.00	1000.00
24. 1000 LBS. OF 100% PURE PORTUGUESE	1000	LBS.	1.00	1000.00
25. 1000 LBS. OF 100% PURE INDIAN	1000	LBS.	1.00	1000.00
26. 1000 LBS. OF 100% PURE CHINESE	1000	LBS.	1.00	1000.00
27. 1000 LBS. OF 100% PURE JAPANESE	1000	LBS.	1.00	1000.00
28. 1000 LBS. OF 100% PURE KOREAN	1000	LBS.	1.00	1000.00
29. 1000 LBS. OF 100% PURE VIETNAMESE	1000	LBS.	1.00	1000.00
30. 1000 LBS. OF 100% PURE THAI	1000	LBS.	1.00	1000.00
31. 1000 LBS. OF 100% PURE BURMESE	1000	LBS.	1.00	1000.00
32. 1000 LBS. OF 100% PURE SINGAPORE	1000	LBS.	1.00	1000.00
33. 1000 LBS. OF 100% PURE MALAYSIAN	1000	LBS.	1.00	1000.00
34. 1000 LBS. OF 100% PURE PHILIPPINE	1000	LBS.	1.00	1000.00
35. 1000 LBS. OF 100% PURE VIETNAMESE	1000	LBS.	1.00	1000.00
36. 1000 LBS. OF 100% PURE CAMBODIAN	1000	LBS.	1.00	1000.00
37. 1000 LBS. OF 100% PURE LAOTIAN	1000	LBS.	1.00	1000.00
38. 1000 LBS. OF 100% PURE MYANMAR	1000	LBS.	1.00	1000.00
39. 1000 LBS. OF 100% PURE SRI LANKAN	1000	LBS.	1.00	1000.00
40. 1000 LBS. OF 100% PURE NEPALESE	1000	LBS.	1.00	1000.00
41. 1000 LBS. OF 100% PURE BANGLADESHI	1000	LBS.	1.00	1000.00
42. 1000 LBS. OF 100% PURE PAKISTANI	1000	LBS.	1.00	1000.00
43. 1000 LBS. OF 100% PURE INDIAN	1000	LBS.	1.00	1000.00
44. 1000 LBS. OF 100% PURE CHINESE	1000	LBS.	1.00	1000.00
45. 1000 LBS. OF 100% PURE JAPANESE	1000	LBS.	1.00	1000.00
46. 1000 LBS. OF 100% PURE KOREAN	1000	LBS.	1.00	1000.00
47. 1000 LBS. OF 100% PURE VIETNAMESE	1000	LBS.	1.00	1000.00
48. 1000 LBS. OF 100% PURE THAI	1000	LBS.	1.00	1000.00
49. 1000 LBS. OF 100% PURE BURMESE	1000	LBS.	1.00	1000.00
50. 1000 LBS. OF 100% PURE SINGAPORE	1000	LBS.	1.00	1000.00

CURRENT CONTINUOUS OPERATING RUN OF 109 DAYS

NRC MONTHLY REPORT

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

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 2004
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	744	255214
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	226968.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	225214.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1225905	1225905	360705873
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	426080	426080	119252510
18. NET ELECTRICAL ENERGY GENERATED (MWH)	406334	406334	112777208
19. UNIT SERVICE FACTOR	100.0	100.0	88.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.2
21. UNIT CAPACITY FACTOR (MDC NET)	104.6	104.6	87.3
22. UNIT CAPACITY FACTOR (DER NET)	101.9	101.9	83.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

NRC MONTHLY REPORT

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DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 2/2/2004

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2004	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		