

November 10, 2003

L-PI-03-099
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- OCTOBER 2003

Attached is the Monthly Operating Report for October 2003 for the Prairie Island Nuclear Generating Plant. During the first part of October, Unit 2 was still shutdown for a Refueling Outage and returned to service on October 14. 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, October 2003

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

DATE 11/6/2003

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2003

During the month of October, Unit 1 was base loaded. There was one power reduction and no shutdowns during the month.

On the 26th at 0009, the Unit started a power reduction to perform SP 1054, Quarterly Turbine Stop, Governor & Intercept testing. The Unit's power output was reduced to about 260 MWs and the testing was started. At 0216, the testing was suspended because of an equipment problem. The test will be conducted next month after repairs to the equipment. The Unit returned to full power operation at 0559.

There are 745 hours during this month due to daylight saving time change.

There are no other items to report.

NRC MONTHLY REPORT

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

DATE 11/6/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: OCTOBER 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 | 745 | 7296 | 261888 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 745.0 | 7296.0 | 227515.4 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON-LINE | 745.0 | 7155.6 | 225399.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1221408 | 11714321 | 360000099 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 424120 | 4017890 | 119843820 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 403523 | 3800758 | 112864499 |
| 19. UNIT SERVICE FACTOR | 100.0 | 98.1 | 86.1 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 98.1 | 86.1 |
| 21. UNIT CAPACITY FACTOR (MDC NET) | 103.8 | 99.8 | 84.8 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 101.1 | 97.2 | 81.1 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 1.9 | 4.5 |
| 24. FORCED OUTAGE HOURS | 0.0 | 140.4 | 10603.1 |

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

DATE 11/6/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2003

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|------------|------|------------------------|-------|--------|--------|------------|--------|-----------|
| 10/26/2003 | 1 | S | 0 | B | 5 | N/A | N/A | N/A |
| NOTES: | | Turbine valve testing. | | | | | | |

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

9-OTHER

SYSTEM CODE

DRAFT IEEE STD

800-1984(P805-D5)

COMPONENT CODE

IEEE STD 803A-1983

**DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2****DATE 11/6/2003****COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376****NARRATIVE SUMMARY OF OPERATING EXPERIENCE****MONTH: OCTOBER 2003**

Unit 2 began the month of October in a refueling outage, 2R22, that started on the 12th of September. The outage ended on the 10th at 1521 when the generator was placed on-line (the reactor went critical on the 9th at 1322). By procedure the power was increased slowly. On the 11th at 2140 the power ascension was stopped due to a steam leak of the flash tank bellows. The Unit was taken off-line at 1528 of the 12th to allow repairs to the flash tank bellows leak (reactor remained in mode 2). The repairs were completed on the 14th and the generator was placed on-line at 1209 of the 14th. The Unit reached full power operation on the 15th at 2153.

There were no more power reductions or shutdowns for the remainder of the month.

There are 745 hours during this month due to daylight saving time change.

There are no other items to report.

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

DATE 11/6/2003

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

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: OCTOBER 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 | 745 | 7296 | 253006 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 539.6 | 6656.6 | 224760.8 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON-LINE | 479.6 | 6595.1 | 223006.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 712309 | 10656816 | 357067900 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 246050 | 3642550 | 117989360 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 230714 | 3443492 | 111573395 |
| 19. UNIT SERVICE FACTOR | 64.4 | 90.4 | 88.1 |
| 20. UNIT AVAILABILITY FACTOR | 64.4 | 90.4 | 88.1 |
| 21. UNIT CAPACITY FACTOR (MDC NET) | 59.3 | 90.4 | 87.2 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 57.8 | 88.1 | 83.0 |
| 23. UNIT FORCED OUTAGE RATE | 8.5 | 0.7 | 2.8 |
| 24. FORCED OUTAGE HOURS | 44.7 | 44.7 | 6435.4 |

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UNIT PRAIRIE ISLAND NO. 2

DATE 11/6/2003

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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2003

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|---|------|------|-------|--------|--------|------------|--------|-----------|
| 10/1/2003 | 2 | S | 220.7 | C | 4 | N/A | N/A | N/A |
| NOTES: 2R22 refueling outage. | | | | | | | | |
| 10/10/2003 | 2 | S | 0 | C | 5 | N/A | N/A | N/A |
| NOTES: Power ascension. | | | | | | | | |
| 10/12/2003 | 2 | F | 44.7 | A | 1 | N/A | N/A | N/A |
| NOTES: Flash tank bellows steam leak | | | | | | | | |
| 10/14/2003 | 2 | S | 0 | C | 5 | N/A | N/A | N/A |
| NOTES: Power ascension to full power operation. | | | | | | | | |

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND
LICENSE EXAMINATION

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