



April 14, 2003

L-PI-03-0043
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- MARCH 2003

Attached is the Monthly Operating Report for March 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; March 2003

IE24

**DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/2/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MARCH 2003

During the month of March, Unit 1 was base loaded. There were no shutdowns and only one power reduction.

The power reduction started on the 1st at 1104 and ended on the 2nd at 1904. There were four items accomplished during this reduction. They were: a turbine valve test, condenser water box cleaning, condenser tube leak repair and loop A main feedwater regulating valve repair. This event was planned.

There are no other items to report.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/2/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: MARCH 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): 545
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
- 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 | 2160 | 256752 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 744.0 | 2160.0 | 222379.4 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON-LINE | 744.0 | 2160.0 | 220403.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1205847 | 3534665 | 351820443 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 415140 | 1227010 | 117052940 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 395246 | 1168872 | 110232613 |
| 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) | 103.6 | 103.7 | 84.5 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 99.1 | 101.0 | 80.8 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 4.5 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 10462.7 |

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 4/2/2003
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PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MARCH 2003

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|---|------|------|-------|--------|--------|------------|--------|-----------|
| 3/1/2003 | 1 | S | 0 | B | 5 | N/A | N/A | N/A |
| NOTES: Condenser water box cleaning, turbine valve testing. | | | | | | | | |

| <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 4/2/2003
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: MARCH 2003

During the month of March, Unit 2 was base loaded. There were no shutdowns and only one power reduction.

On the 24th at 0319, 21 Heater Drain Tank Pump, suddenly dropped to minimum speed and shortly thereafter the operations crew stopped the pump. 23 Heater Drain Tank Pump was the only operational heater drain pump because 22 Heater Drain Tank Pump was OOS for its five year PM. This event ended on the 26th at 1800 when 22 Heater Drain Tank Pump was returned to service and the Unit returned to full power operations. This was an unplanned event.

There are no other items to report.

**DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 4/2/2003
 COMPLETED BY DALE DUGSTAD
 PHONE 651-388-1121-4376**

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: MARCH 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 | 2160 | 247870 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 744.0 | 2160.0 | 220264.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON-LINE | 744.0 | 2160.0 | 218571.5 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1224598 | 3537274 | 349948358 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 425040 | 1228330 | 115575140 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 405369 | 1171181 | 109301084 |
| 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) | 104.4 | 103.9 | 87.2 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 101.7 | 101.2 | 83.1 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 2.8 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 6390.7 |

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 DATE 4/2/2003
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 PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: MARCH 2003

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|-----------|------|------|-------|--------|--------|------------|--------|-----------|
| 3/24/2003 | 2 | F | 0 | A | 5 | N/A | N/A | N/A |

NOTES: 21 & 22 Heater Drain Tank Pump problems.

| <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 | | |