



Mano K. Nazar
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Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC
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November 13, 2002

Technical Specifications 5.6.4

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
October 2002

Attached is the Monthly Operating Report for October 2002 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.

Mano K. Nazar
Site Vice President
Prairie Island Nuclear Generating Plant

c: Regional Administrator-Region III, NRC
NRR Project Manager, NRC
Senior Resident Inspector, NRC
James Bernstein, State of Minnesota

Attachment: Monthly Operating Report; October 2002

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/5/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2002

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

This reporting period had 745 hours due to the time change of Daylight Savings Time.

There are no other items to report.

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
 DATE 11/5/2002
 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 2002
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 | 253128 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 745.0 | 7296.0 | 219228.1 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON-LINE | 745.0 | 7296.0 | 217270.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1224473 | 11984591 | 346753847 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 421790 | 4088950 | 115295200 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 401398 | 3870522 | 108561029 |
| 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) | 103.2 | 101.6 | 84.5 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 100.5 | 99.0 | 80.8 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 4.6 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 10462.7 |

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/5/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2002

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|------------|------|-------------------|-------|--------|--------|------------|--------|-----------|
| 10/31/2002 | 1 | N/A | 0 | | | N/A | N/A | N/A |
| NOTES: | | None for October. | | | | | | |

| <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 11/5/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376**

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2002

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

A turbine valve test was conducted on the 27th of October.

This reporting period had 745 hours due to the time change of Daylight Savings Time.

There are no other items to report.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 11/5/2002
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 2002
- 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 | 244246 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 745.0 | 6642.1 | 216640.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON-LINE | 745.0 | 6618.9 | 214947.5 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1221541 | 10802787 | 343999585 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 425300 | 3697410 | 113507790 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 405529 | 3496021 | 107329891 |
| 19. UNIT SERVICE FACTOR | 100.0 | 90.7 | 88.0 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 90.7 | 88.0 |
| 21. UNIT CAPACITY FACTOR (MDC NET) | 104.3 | 91.8 | 87.0 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 101.6 | 89.4 | 82.8 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 2.9 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 6390.7 |

DOCKET NO. 50-308
UNIT PRAIRIE ISLAND NO. 2
DATE 11/5/2002
COMPLETED BY DALE DUGSTAD
PHONE 651-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2002

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|------------|------|------|-------|--------|--------|------------|--------|-----------|
| 10/27/2002 | 2 | S | 0 | B | 5 | N/A | N/A | N/A |

NOTES: 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 | | |