



MAR 1 1 2005

L-PI-05-020
Technical Specification 5.6.4

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Prairie Island Nuclear Generating Plant Units 1 and 2
Dockets 50-282 and 50-306
License Nos. DPR-42 and DPR-60

Monthly Operating Report – February 2005

Attached is the Monthly Operating Report for February 2005 for the Prairie Island Nuclear Generating Plant.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.

Joseph M. Solymossy
Site Vice President, Prairie Island Nuclear Generating Plant
Nuclear Management Company, LLC

Enclosure(1)

cc: Administrator, Region III, USNRC
Project Manager, Prairie Island, USNRC
Resident Inspector, Prairie Island, USNRC
Glenn Wilson, State of Minnesota

IE24

ENCLOSURE 1

MONTHLY OPERATING REPORT – FEBRUARY 2005

6 pages follow

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 3/11/2005
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: FEBRUARY 2005

During the month of February, Unit 1 was base loaded. Starting on February 19, the unit was taken off line for scheduled maintenance (1F51) and remained off line through the end of the month, resulting in loss of 135,653 MW-hr.

This outage ended a continuous run of 88 days.

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 3/11/2005
 COMPLETED BY BRIAN GLENNIE
 PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: FEBRUARY 2005
- 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 | 672 | 1416 | 273552 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 434.0 | 1178.0 | 237197.1 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON-LINE | 434.0 | 1178.0 | 235059.0 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 700961 | 1905515 | 375459523 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 244980 | 665760 | 123162590 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 229863 | 630954 | 115991038 |
| 19. UNIT SERVICE FACTOR | 64.6 | 83.2 | 85.9 |
| 20. UNIT AVAILABILITY FACTOR | 64.6 | 83.2 | 85.9 |
| 21. UNIT CAPACITY FACTOR (MDC NET) | 65.5 | 85.4 | 83.3 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 63.8 | 83.1 | 79.8 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 4.3 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 10603.1 |

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: FEBRUARY 2005

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|-----------|------|--|-------|--------|--------|------------|--------|-----------|
| 2/19/2005 | 1 | S | 238 | B | 2 | N/A | TK | GEN |
| NOTES: | | Repair degraded main generator hydrogen seal oil system. | | | | | | |

| <u>TYPE</u> | <u>REASON</u> | <u>METHOD</u> | <u>SYSTEM CODE</u> |
|-------------|--|----------------|-------------------------------------|
| F-FORCED | A-EQUIPMENT FAILURE | 1-MANUAL | DRAFT IEEE STD 800-1984(P805-D5) |
| S-SCHEDULED | B-MAINTENANCE OR TEST | 2-MANUAL TRIP | |
| | 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 3/11/2005
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: FEBRUARY 2005

During the month of February, Unit 2 was base loaded except as noted below.

On February 10, Unit 2 initiated a scheduled reduction in load to support preventive maintenance on 22 Heater Drain Tank Pump. Generator output was reduced 6.5%. Generator output was restored within 9 hours.

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 3/11/2005
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: FEBRUARY 2005
- 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 | 672 | 1416 | 264670 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 672.0 | 1416.0 | 236387.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON-LINE | 672.0 | 1416.0 | 234624.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1104639 | 2328506 | 376142290 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 378740 | 801070 | 122543760 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 360939 | 763545 | 115894683 |
| 19. UNIT SERVICE FACTOR | 100.0 | 100.0 | 88.6 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 100.0 | 88.6 |
| 21. UNIT CAPACITY FACTOR (MDC NET) | 102.9 | 103.3 | 86.4 |
| 22. UNIT CAPACITY FACTOR (DER NET) | 100.2 | 100.6 | 82.4 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 2.7 |
| 24. FORCED OUTAGE HOURS | 0.0 | 0.0 | 6481.8 |

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: FEBRUARY 2005

| DATE | UNIT | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT |
|---|------|------|-------|--------|--------|------------|--------|-----------|
| 2/10/2005 | 2 | S | 9 | B | 5 | N/A | SM | P |
| NOTES: Replace 22 Heater Drain Pump Ampspeed Brushes, WO 0401697. | | | | | | | | |

| <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 | | |