

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: OCTOBER 1983

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

8312150144 831031
PDR ADOCK 05000282
R PDR

IE24

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH OCTOBER 1983

| DAY | AVERAGE LOAD -- MWE-NET |
|-----|-------------------------|
| 1 | 517 |
| 2 | 518 |
| 3 | 517 |
| 4 | 519 |
| 5 | 518 |
| 6 | 519 |
| 7 | 513 |
| 8 | 524 |
| 9 | 520 |
| 10 | 520 |
| 11 | 521 |
| 12 | 520 |
| 13 | 523 |
| 14 | 523 |
| 15 | 522 |
| 16 | 479 |
| 17 | 520 |
| 18 | 521 |
| 19 | 522 |
| 20 | 522 |
| 21 | 519 |
| 22 | 525 |
| 23 | 523 |
| 24 | 524 |
| 25 | 522 |
| 26 | 525 |
| 27 | 524 |
| 28 | 524 |
| 29 | 524 |
| 30 | 524 |
| 31 | 524 |

AVERAGE LOADS ABOVE 503 MWE-NET ARE DUE
TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: OCTOBER 1983
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 530
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 534
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 503
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7)
SINCE LAST REPORT GIVE REASON: N / A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N / A
10. REASONS FOR RESTRICTIONS, IF ANY: N / A

| NOTES: |
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| |
| |
| |
| |

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11. HOURS IN REPORTING PERIOD | 745 | 7296 | 86568 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 745.0 | 6911.8 | 70927.4 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON LINE | 745.0 | 6880.1 | 69636.9 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1218990 | 11156712 | 109099690 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 409780 | 3719220 | 35470640 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 387273 | 3503193 | 33205769 |
| 19. UNIT SERVICE FACTOR | 100.0 | 94.3 | 80.4 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 94.3 | 80.4 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 103.3 | 95.5 | 76.3 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 98.1 | 90.6 | 72.4 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.6 | 8.7 |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH): | | | |

REFUELING DECEMBER 27, 1983 5 WEEKS

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N / A

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE 11-03-83COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

| Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| | | | | | | | | |

¹ F: Forced
S: Scheduled

² Reason
A-Equipment Failure(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Trip
3-Automatic Trip
4-Other (Explain)

⁴ Exhibit G-In-
structions for
Preparation of
Data Entry Sheets
for Licensee Event
Report (LER) File
(NUREG-0161)

⁵ Exhibit 1 - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH OCTOBER 1983

THE UNIT WAS BASE LOADED THIS MONTH.
DURING THE FIRST HALF OF THE MONTH OPERATING POWER WAS
RESTRICTED DUE TO TECH SPECS ON PEAKING FACTORS FROM THE
NEW FUEL.
ON THE 29TH THE GENERATOR WAS TAKEN OFF LINE FOR 3.7
HOURS TO ALLOW MAINTENANCE ON VALVES.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH OCTOBER 1983

| DAY | AVERAGE LOAD -- MWE-NET |
|-----|-------------------------|
| 1 | 304 |
| 2 | 379 |
| 3 | 463 |
| 4 | 470 |
| 5 | 490 |
| 6 | 492 |
| 7 | 491 |
| 8 | 493 |
| 9 | 492 |
| 10 | 492 |
| 11 | 479 |
| 12 | 492 |
| 13 | 493 |
| 14 | 494 |
| 15 | 497 |
| 16 | 500 |
| 17 | 491 |
| 18 | 496 |
| 19 | 501 |
| 20 | 511 |
| 21 | 510 |
| 22 | 512 |
| 23 | 512 |
| 24 | 515 |
| 25 | 524 |
| 26 | 523 |
| 27 | 523 |
| 28 | 524 |
| 29 | 325 |
| 30 | 522 |
| 31 | 524 |

AVERAGE LOADS ABOVE 500 MWE-NET ARE DUE
TO COOLER CONDENSER CIRCULATING WATER

OPERATING DATA REPORT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE NOVEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: OCTOBER 1983
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 530
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 531
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 500
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7)
SINCE LAST REPORT GIVE REASON: N / A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N / A
10. REASONS FOR RESTRICTIONS, IF ANY: N / A

| NOTES: |
|--------|
| |
| |
| |

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11. HOURS IN REPORTING PERIOD | 745 | 7296 | 77686 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 745.0 | 6179.6 | 66786.7 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON LINE | 741.3 | 6114.1 | 65829.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1180109 | 9516371 | 103334159 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 383170 | 2798560 | 32965650 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 361333 | 2947247 | 31205910 |
| 19. UNIT SERVICE FACTOR | 99.5 | 83.8 | 84.7 |
| 20. UNIT AVAILABILITY FACTOR | 99.5 | 83.8 | 84.7 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 97.0 | 80.8 | 80.3 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 91.5 | 76.2 | 75.8 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.1 | 4.6 |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH): | | | |

REFUELING OUTAGE IN AUGUST OF 1984

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH OCTOBER 1983DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE 11-03-83COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

| Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting ³ Down Reactor | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|----------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 10-1-83 | S | 0.0 | F | N/A | N/A | N/A | N/A | Reduced Power Operation due to Peaking Factors |
| 10-11-83 | S | 0.0 | B | N/A | N/A | N/A | N/A | Axial Offset Test |
| 10-29-83 | S | 3.7 | B | N/A | N/A | N/A | N/A | Generator off line to allow maintenance on valves, Reactor was at hot standby |

¹ F: Forced
S: Scheduled

² Reason
A-Equipment Failure(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Trip
3-Automatic Trip
4-Other (Explain)

⁴ Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit 1 - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE 10-26-83COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

Corrected Report

| Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting ³ Down Reactor | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|----------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 7-2-83 | S | 0.0 | B | N/A | N/A | N/A | N/A | Turbine Valves Test |
| *7-29-83 | S | 13.3 | B | N/A | N/A | N/A | N/A | Repair Steam Generator Handhole Secondary Side |

¹ F: Forced
S: Scheduled

² Reason
A-Equipment Failure(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Trip
3-Automatic Trip
4-Other (Explain)

⁴ Exhibit G-In-
structions for
Preparation of
Data Entry Sheets
for Licensee Event
Report (LER) File
(NUREG-0161)

⁵ Exhibit 1 - Same Source



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

November 9, 1983

Director, Office of Resource Management
U S Nuclear Regulatory Commission
Washington, DC 20555

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

Monthly Operating Report
October, 1983

Attached are twelve copies of the Monthly Operating Report for October, 1983 for the Prairie Island Nuclear Generating Plant.

Also included in the report is a correction of the UNIT SHUTDOWNS AND POWER REDUCTIONS sheet for the month of July, 1983 on Unit 1 Docket No. 50-282.

David Musolf
David Musolf
Manager of Nuclear Support Services

DMM/js

cc: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

DESIGNATED ORIGINAL
Certified by *MR Beebe* 12/14/83

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