

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE JUNE 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH: MAY 1984

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

8407020104 840531
PDR ADOCK 05000282
R PDR

IE24
111

DAILY UNIT POWER QUIET

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE JUNE 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH MAY 1984

| DAY | AVERAGE LOAD MWE-NET |
|-----|----------------------|
| 1 | 519 |
| 2 | 520 |
| 3 | 515 |
| 4 | 516 |
| 5 | 511 |
| 6 | 511 |
| 7 | 510 |
| 8 | 518 |
| 9 | 513 |
| 10 | 513 |
| 11 | 508 |
| 12 | 510 |
| 13 | 510 |
| 14 | 511 |
| 15 | 507 |
| 16 | 509 |
| 17 | 504 |
| 18 | 507 |
| 19 | 502 |
| 20 | 509 |
| 21 | 501 |
| 22 | 503 |
| 23 | 504 |
| 24 | 505 |
| 25 | 507 |
| 26 | 508 |
| 27 | 510 |
| 28 | 508 |
| 29 | 509 |
| 30 | 505 |
| 31 | 501 |

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 JUNE 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MAY 1984
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

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

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N / A
10. REASONS FOR RESTRICTIONS, IF ANY: N / A

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11. HOURS IN REPORTING PERIOD | 744 | 3647 | 91679 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 3597.4 | 75270.4 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 5571.1 |
| 14. HOURS GENERATOR ON LINE | 744.0 | 3576.0 | 73957.0 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1224392 | 5771073 | 116082235 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 402410 | 1923580 | 37803380 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 378787 | 1819543 | 35410972 |
| 19. UNIT SERVICE FACTOR | 100.0 | 98.1 | 80.7 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 98.1 | 80.7 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 101.2 | 99.2 | 76.8 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 96.1 | 94.1 | 72.9 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 8.2 |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH): | | | |

TEN YEAR OVERHAUL IN JANUARY 1985

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

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH May 1984

DOCKET NO. 50-282

UNIT NAME Prairie Island No. 1

DATE June 4, 1984

COMPLETED BY Dale Dugstad

TELEPHONE 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 |
|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| NONE | | | | | | | | |

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. 1

DATE JUNE 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH MAY 1984

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO.2

DATE JUNE 5, 1984

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH MAY 1984

| DAY | AVERAGE LOAD--MWE-NET |
|-----|-----------------------|
| 1 | 519 |
| 2 | 518 |
| 3 | 514 |
| 4 | 518 |
| 5 | 516 |
| 6 | 516 |
| 7 | 515 |
| 8 | 523 |
| 9 | 518 |
| 10 | 517 |
| 11 | 514 |
| 12 | 515 |
| 13 | 514 |
| 14 | 514 |
| 15 | 511 |
| 16 | 510 |
| 17 | 508 |
| 18 | 507 |
| 19 | 504 |
| 20 | 508 |
| 21 | 501 |
| 22 | 504 |
| 23 | 507 |
| 24 | 505 |
| 25 | 509 |
| 26 | 509 |
| 27 | 510 |
| 28 | 471 |
| 29 | 509 |
| 30 | 506 |
| 31 | 505 |

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 JUNE 5, 1984
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MAY 1984
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

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11. HOURS IN REPORTING PERIOD | 744 | 3647 | 82797 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 3647.0 | 71897.7 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1516.1 |
| 14. HOURS GENERATOR ON LINE | 744.0 | 3647.0 | 70940.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1220803 | 5852358 | 111584216 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 401900 | 1953050 | 35727070 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 379513 | 1853933 | 33828816 |
| 19. UNIT SERVICE FACTOR | 100.0 | 100.0 | 85.7 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 100.0 | 85.7 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 102.0 | 101.7 | 81.7 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 96.2 | 95.9 | 77.1 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 4.3 |
| 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 JER REDUCTIONS

REPORT MONTH May 1984

DOCKET NO. 50- 306

UNIT NAME Prairie Island No. 2

DATE June 4, 1984

COMPLETED BY Dale Dugstad

TELEPHONE 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 |
|--------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 840528 | S | 0.0 | B | 4 | N/A | N/A | N/A | Turbine valves test |

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

June 11, 1984

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
May, 1984

Attached are twelve copies of the Monthly Operating Report for May, 1984 for the Prairie Island Nuclear Generating Plant.

David Musolf

David Musolf
Manager of Nuclear Support Services

DMM/bd

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

Attachment

DESIGNATED ORIGINAL
Certified By *MR Beebe* *06/29/84*

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