

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

MONTH: NOVEMBER 1983

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.

8401120240 831130
PDR ADOCK 05000282
R PDR

DAILY UNIT POWER OUTPUT

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

MONTH NOVEMBER 1983

DAY	AVERAGE LOAD...MWE-NET
1	525
2	524
3	526
4	524
5	526
6	522
7	524
8	525
9	525
10	524
11	525
12	524
13	523
14	524
15	524
16	523
17	523
18	526
19	438
20	525
21	525
22	520
23	516
24	536
25	523
26	526
27	527
28	526
29	523
30	523

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 DECEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: NOVEMBER 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:

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	8016	87288
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	7631.8	71647.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	720.0	7600.1	70356.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1172808	12329520	110272498
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	396320	4115540	35866960
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375430	3878623	33581199
19. UNIT SERVICE FACTOR	100.0	94.8	80.6
20. UNIT AVAILABILITY FACTOR	100.0	94.8	80.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.7	96.2	76.5
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4	91.3	72.6
23. UNIT FORCED OUTAGE RATE	0.0	0.5	8.6
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

REFUELING DECEMBER 2, 1983 5 WEEKS

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

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH November 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE December 5, 1983COMPLETED 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
11-19-83	S	0.0	B	N/A	N/A	N/A	N/A	Turbine Tests, Overspeed & Valves
11-22-83	S	0.0	B	N/A	N/A	N/A	N/A	NIS Pwr Range Axial Offset Cal.

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 DECEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH NOVEMBER 1983

THE UNIT WAS BASE LOADED THIS MONTH; NO SHUTDOWNS.

DAILY UNIT POWER OUTPUT

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

MONTH NOVEMBER 1983

DAY	AVERAGE LOAD MWE-NET
1	523
2	523
3	525
4	525
5	527
6	524
7	524
8	526
9	524
10	528
11	526
12	524
13	523
14	523
15	523
16	523
17	523
18	524
19	521
20	523
21	520
22	521
23	529
24	526
25	524
26	526
27	525
28	526
29	528
30	528

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 DECEMBER 3, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: NOVEMBER 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	720	8016	78406
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6899.6	67506.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	720.0	6834.1	66549.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1182251	10698622	104516410
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397760	3196320	33363410
18. NET ELECTRICAL ENERGY GENERATED (MWH)	377601	3324848	31583511
19. UNIT SERVICE FACTOR	100.0	85.3	84.9
20. UNIT AVAILABILITY FACTOR	100.0	85.3	84.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.9	83.0	80.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0	78.3	76.0
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 November 1983DOCKET NO. 50- 306UNIT NAME Prairie Island No. 2DATE December 5, 1983COMPLETED 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

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

December 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
November, 1983

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

David Musolf
David Musolf
Manager of Nuclear Support Services

DMM/dab

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

Attachment

DESIGNATED ORIGINAL
Certified By *MR Beebe* 01/10/83

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