

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE OCTOBER 5, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: SEPTEMBER 1983

THE UNIT WAS BASE LOADED THIS MONTH.
THE GENERATOR WAS OFF LINE AT 0059 OF THE 5TH TO ALLOW MAINTENANCE ON THE REACTOR COOLANT RTD'S. THE REACTOR WAS AT HOT STANDBY. GENERATOR RETURNED TO ON LINE SERVICE AT 0713 OF THE SAME DAY.

THE UNIT WAS TAKEN OFF LINE AT 0548 OF THE 16TH AS REQUIRED BY TECH SPEC 3.3.A.2. DUE TO AN OPERATIONAL ERROR DURING THE MONTHLY TEST OF AN SI PUMP, THE PUMP WAS DAMAGED. THE UNIT RETURNED TO SERVICE AT 0538 OF THE 17TH.

8311170361 830930
PDR ADOCK 05000282
R PDR

IE24
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DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE OCTOBER 5, 1983

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH: SEPTEMBER 1983

DAY	AVERAGE LOAD__MWE-NET
1	503
2	502
3	505
4	495
5	213
6	510
7	509
8	509
9	508
10	507
11	511
12	512
13	515
14	513
15	514
16	77
17	241
18	513
19	515
20	519
21	519
22	518
23	520
24	521
25	514
26	487
27	515
28	523
29	516
30	518

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 OCTOBER 5, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: SEPTEMBER 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	6551	85823
12. NUMBER OF HOURS REACTOR WAS CRITICAL	700.2	6166.8	70182.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	689.9	6135.1	68891.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1109442	9937722	107880700
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	366900	3309440	35060860
18. NET ELECTRICAL ENERGY GENERATED (MWH)	344178	3115920	32818496
19. UNIT SERVICE FACTOR	95.8	93.7	80.3
20. UNIT AVAILABILITY FACTOR	95.8	93.7	80.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.0	94.6	76.0
22. UNIT CAPACITY FACTOR (USING DER NET)	90.2	89.7	72.2
23. UNIT FORCED OUTAGE RATE	3.3	0.6	8.8
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 LER REDUCTIONS

REPORT MONTH SEPTEMBER 1983DOCKET NO. 50-282UNIT NAME Prairie Island No. 1DATE Oct. 4, 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
9-5-83	S	6.2	B	N/A	N/A	N/A	N/A	Generator taken off line to perform maintenance on RTD's
9-16-83	F	23.9	G	1	RO 83-23	SF	PUMPXX	operational error during monthly test damaged SI Pump

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO.2

DATE OCTOBER 5, 1983

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH: SEPTEMBER 1983

THE UNIT RETURNED TO SERVICE AT 2107 OF THE 28TH FROM
THE CYCLE 7 TO 8 REFUELING OUTAGE WHICH BEGAN AT 2155
ON THE 28TH OF AUGUST.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO 2
DATE OCTOBER 5, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: SEPTEMBER 1983

DAY	AVERAGE LOAD MWE-NET
1	-3
2	-3
3	-3
4	-2
5	-2
6	-2
7	-2
8	-2
9	-2
10	-2
11	-2
12	-1
13	-2
14	-2
15	-2
16	-2
17	-1
18	-1
19	-1
20	-1
21	-2
22	-2
23	-2
24	-2
25	-8
26	-14
27	-15
28	-14
29	107
30	294

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 OCTOBER 6, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

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

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	6551	76941
12. NUMBER OF HOURS REACTOR WAS CRITICAL	93.2	5434.6	66041.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	50.9	5372.8	65087.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	38551	8336262	102154050
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	11000	2415390	32582480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	7417	2585914	30844577
19. UNIT SERVICE FACTOR	7.1	82.0	84.6
20. UNIT AVAILABILITY FACTOR	7.1	82.0	84.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	2.1	78.9	80.2
22. UNIT CAPACITY FACTOR (USING DER NET)	1.9	74.5	75.6
23. UNIT FORCED OUTAGE RATE	0.0	0.1	4.7
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 SEPTEMBER 1983DOCKET NO. 50-306UNIT NAME Prairie Island No. 2DATE Oct. 4, 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
8-28-83	S	669.1	C	1	N/A	N/A	N/A	Cycle 7 to 8 fuel reload

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

October 11, 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
September, 1983

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

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 11/16/83

IE24
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