

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE SEPTEMBER 2, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: AUGUST 1983

THE UNIT WAS BASE LOADED THIS MONTH.
ON THE 14TH AN AXIAL OFFSET TEST WAS PERFORMED. ON THE 20TH
POWER WAS REDUCED TO 28% TO ALLOW CHLORINATION OF CIRCULATING/
COOLING WATER.
AT 1441 OF THE 20TH A TRIP OCCURRED DURING INSTRUMENT MAINTENANCE
ON REACTOR COOLANT FLOW CHANNELS. REACTOR WAS RETURNED TO
CRITICAL STATUS AT 1403 THEN IT TRIPPED AGAIN AT 1424 DUE TO
LOLO STEAM GENERATOR LEVEL. REACTOR BECAME CRITICAL AT 1526,
GENERATOR WENT ON LINE AT 1901 AFTER A TURBINE OVERSPEED TRIP
TEST WAS PERFORMED.

8310190055 830902
PDR ADOCK 05000282
R PDR

1E24

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO.1
 DATE SEPTEMBER 2, 1983
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH AUGUST 1983

DAY	AVERAGE LOAD MWE-NET
1	503
2	502
3	502
4	500
5	501
6	497
7	499
8	497
9	502
10	503
11	503
12	506
13	510
14	468
15	506
16	495
17	508
18	499
19	506
20	174
21	508
22	502
23	507
24	505
25	505
26	506
27	503
28	500
29	500
30	497
31	500

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 SEPTEMBER 2, 1983
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: AUGUST 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	744	5831	85103
12. NUMBER OF HOURS REACTOR WAS CRITICAL	740.6	5466.6	69482.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON LINE	736.7	5445.2	68202.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1198584	8828280	106771258
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	389360	2942540	34693960
18. NET ELECTRICAL ENERGY GENERATED (MWH)	365172	2771742	32474318
19. UNIT SERVICE FACTOR	99.0	93.4	80.1
20. UNIT AVAILABILITY FACTOR	99.0	93.4	80.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.6	94.5	75.9
22. UNIT CAPACITY FACTOR (USING DER NET)	92.6	89.7	72.0
23. UNIT FORCED OUTAGE RATE	1.0	0.3	8.9
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 JER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-282
 UNIT NAME Prairie Island No.1
 DATE September 2, 1983
 COMPLETED BY Dale Dugstad
 TELEPHONE 612-388-1121

PINGP 120, Rev. 5

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
8-14-83	S	0.0	B	N/A	N/A	N/A	N/A	Axial Offset Test
8-20-83	S	0.0	H	N/A	N/A	N/A	N/A	Chlorination of CW/CL Water
8-20-83	F	7.3	B	3	N/A	N/A	N/A	Tripped during an instrument maintenance test
8-20-83	S	0.0	B	N/A	N/A	N/A	N/A	Turbine Overspeed Trip 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-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 SEPTEMBER 2, 1983
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH AUGUST 1983

THE UNIT WAS IN COASTDOWN OPERATION THIS MONTH.
AT 2:55 OF THE 28TH THE UNIT WAS TAKEN OFF LINE TO
BEGIN THE SCHEDULED CYCLE 7-8 REFUELING OUTAGE.

DAILY UNIT POWER OUTPUT

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

MONTH AUGUST 1983

DAY	AVERAGE LOAD MWE-NET
1	457
2	453
3	447
4	441
5	430
6	465
7	374
8	410
9	405
10	402
11	398
12	395
13	390
14	378
15	371
16	364
17	366
18	355
19	350
20	340
21	346
22	334
23	337
24	325
25	321
26	304
27	298
28	251
29	-9
30	-3
31	-3

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 SEPTEMBER 2, 1983
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: AUGUST 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	744	5831	76221
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.1	5341.4	65948.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON LINE	669.9	5321.9	65037.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	857560	8297711	102115499
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	271900	2404390	32571480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	251827	2578497	30837160
19. UNIT SERVICE FACTOR	90.0	91.3	85.3
20. UNIT AVAILABILITY FACTOR	90.0	91.3	85.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	67.7	88.4	80.9
22. UNIT CAPACITY FACTOR (USING DER NET)	63.9	83.4	76.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.7
24. SHUTDOWNS SCHEDULED OVER NEXT 12 MONTHS (TYPE, DATE AND DURATION OF EACH):			

IN REFUELING OUTAGE AT PRESENT TIME

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: OCT. 1, 1983

UNIT SHUTDOWNS AND LER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-306

UNIT NAME Prairie Island No. 2

DATE September 2, 1983

COMPLETED BY Dale Dugstad

TELEPHONE 612-388-1121

PINGP 120, Rev. 5

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
8-29-83	S	71.9	C	2	N/A	N/A	N/A	Refueling Outage

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



Northern States Power Company

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

September 12, 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
August, 1983

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

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

DESIGATED ORIGINAL
Certified By Mr Beebe 10/18/83

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