

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE APRIL 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MARCH 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

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PDR ADOCK 05000282
R PDR

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DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO.2

DATE APRIL 3, 1985

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH MARCH 1985

DAY	AVERAGE_LOAD__MWE-NET
1	529
2	527
3	329
4	535
5	533
6	531
7	551
8	510
9	528
10	531
11	525
12	530
13	532
14	528
15	531
16	531
17	527
18	533
19	525
20	530
21	532
22	527
23	533
24	530
25	531
26	527
27	531
28	527
29	532
30	523
31	454

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 APRIL 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MARCH 1985
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	2160	90094
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2160.0	78254.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	2160.0	77284.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1204250	3487661	121647893
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	406750	1178200	39081740
18. NET ELECTRICAL ENERGY GENERATED (MWH)	387432	1121884	37002723
19. UNIT SERVICE FACTOR	100.0	100.0	85.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.1	103.9	82.1
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	98.0	77.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.0
24. FORCED OUTAGE HOURS	0.0	0.0	3209.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

TEN-YEAR OUTAGE IN AUGUST-----1985---

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH March 1985DOCKET NO. 50- 306UNIT NAME Prairie Island No. 2DATE April 3, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

DATE YY MM DD	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUT TING DOWN REAC TOR OR REDUC- ING POWER (3)	LICENSEE EVENT REPORT	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE/CORRECTIVE ACTION/COMMENTS
85 03 03	S	0.0	B	5	N/A	N/A	N/A	Clean amertap screens and turbine valves test.
85 03 31	S	0.0	B	5	N/A	N/A	N/A	Turbine valves test.

(1) TYPE
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: Continued
5: Reduced Load
9: Other

(4) SYSTEM CODE
Draft IEEE Std
805-1984(P805-D5)

(5) COMPONENT CODE
IEEE Std 803A-1983

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE APRIL 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1985

THE UNIT RETURNED TO SERVICE AT 1347 OF THE 10TH FROM THE TEN YEAR INSPECTION AND REFUELING OUTAGE. THERE WERE NO OTHER SHUTDOWNS DURING MARCH.

DAILY UNIT POWER OUTPUT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE APRIL 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MARCH 1985

DAY	AVERAGE LOAD -- MWE-NET
1	-3
2	-5
3	-9
4	-10
5	-17
6	-18
7	-18
8	-16
9	-17
10	8
11	56
12	243
13	359
14	447
15	520
16	528
17	526
18	532
19	523
20	531
21	528
22	529
23	530
24	531
25	532
26	525
27	529
28	527
29	529
30	522
31	523

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

OPERATING DATA REQUEST

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE APRIL 3, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MARCH 1985
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	2160	98976
12. NUMBER OF HOURS REACTOR WAS CRITICAL	529.0	794.0	80788.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	514.2	778.2	79446.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	764836	1088160	124687418
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	255830	363750	40655850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	239193	337356	38088174
19. UNIT SERVICE FACTOR	69.1	36.0	80.3
20. UNIT AVAILABILITY FACTOR	69.1	36.0	80.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	63.9	31.1	76.5
22. UNIT CAPACITY FACTOR (USING DER NET)	60.7	29.5	72.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.1
24. FORCED OUTAGE HOURS	0.0	0.0	7044.4
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

-----N/A-----

26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONSDOCKET NO. 50- 282UNIT NAME Prairie Island No. 1DATE April 3, 1985REPORT MONTH March 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121

DATE YY MM DD	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUT TING DOWN REAC TOR OR REDUC- ING POWER (3)	LICENSEE EVENT REPORT	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE/CORRECTIVE ACTION/COMMENTS
85 01 11	S	229.8	C	4	N/A	N/A	N/A	Ten year inspection and refueling outage.

(1) TYPE
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: Continued
5: Reduced Load
9: Other

(4) SYSTEM CODE
Draft IEEE Std
805-1984(P805-D5)

(5) COMPONENT CODE
IEEE Std 803A-1983



Northern States Power Company

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Minneapolis, Minnesota 55401
Telephone (612) 330-5500

April 3, 1985

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
March, 1985

Attached are twelve copies of the Monthly Operating Report for
March, 1985 for the Prairie Island Nuclear Generating Plant.

David Musolf
Manager of Nuclear Support Services

DMM/jlk

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

Attachment

DESIGNATED ORIGINAL
Certified By MR Beebe 05/09/85

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