

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE JUNE 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MAY 1985

THE UNIT WAS BASE LOADED THIS MONTH. ON THE 8TH AT 1326 THE UNIT TRIPPED WHEN A TWO INCH AIR LINE RUPTURED. AT 1345 OF THE 9TH THE REACTOR BECAME CRITICAL BUT AT 1421 THE UNIT TRIPPED AGAIN, DUE TO LOW STEAM GENERATOR LEVEL. AT 1655 OF THE 9TH THE REACTOR BECAME CRITICAL AND AT 1847 THE UNIT WENT ON LINE. THERE WERE NO MORE SHUTDOWNS FOR THIS MONTH.

DAILY_UNIT_POWER_OUTPUT

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE JUNE 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MAY 1985

DAY AVERAGE_LOAD_MWE-NET

1	504
2	507
3	504
4	507
5	503
6	508
7	503
8	271
9	28
10	485
11	499
12	501
13	501
14	506
15	498
16	503
17	505
18	503
19	500
20	504
21	504
22	499
23	504
24	497
25	490
26	507
27	498
28	504
29	503
30	497
31	496

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 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MAY 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
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	3623	100439
12. NUMBER OF HOURS REACTOR WAS CRITICAL	717.1	2230.1	82224.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	714.6	2211.8	80879.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1171123	3439953	127039211
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	379990	1130530	41422630
18. NET ELECTRICAL ENERGY GENERATED (MWH)	356130	1057308	38808126
19. UNIT SERVICE FACTOR	96.0	61.0	80.5
20. UNIT AVAILABILITY FACTOR	96.0	61.0	80.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.2	58.0	76.8
22. UNIT CAPACITY FACTOR (USING DER NET)	90.3	55.1	72.9
23. UNIT FORCED OUTAGE RATE	4.0	1.3	8.0
24. FORCED OUTAGE HOURS	29.4	29.4	7073.8
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 REDUCTIONS

DOCKET NO. 50- 282

UNIT NAME Prairie Island No. 1DATE June 4, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121REPORT MONTH May 1985

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 05 08	F	29.4	A	3	85-009	LD	PSF	The unit tripped when a 2 inch air line ruptured at an elbow joint.
85 05 09	F	0.0	A	3	85-010	N/A	N/A	The unit tripped on restart due to low steam generator level.
85 05 28	S	0.0	B	5	N/A	N/A	N/A	Axial offset calibration.

(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. 50-306

UNIT PRAIRIE ISLAND NO.2

DATE JUNE 4, 1985

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121

MONTH MAY 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

DAILY_UNIT_POWER_QUERY

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO.2
DATE JUNE 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH MAY 1985

DAY	AVERAGE_LOAD...MWE-NET
1	503
2	507
3	503
4	505
5	502
6	504
7	505
8	509
9	507
10	502
11	499
12	505
13	503
14	505
15	502
16	509
17	508
18	509
19	504
20	514
21	503
22	504
23	507
24	500
25	503
26	496
27	498
28	506
29	504
30	499
31	502

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 4, 1985
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MAY 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	3623	91557
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3623.0	79717.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	3623.0	78747.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1222272	5888741	124048973
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397950	1963470	39867010
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375026	1862198	37743037
19. UNIT SERVICE FACTOR	100.0	100.0	86.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.8	102.8	82.4
22. UNIT CAPACITY FACTOR (USING DER NET)	95.1	97.0	77.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.9
24. FORCED OUTAGE HOURS	0.0	0.0	3209.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

1EN_YEAR_OUTAGE_IN_SEPTMBER____1985____

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50- 306

UNIT NAME Prairie Island No.2DATE June 4, 1985COMPLETED BY Dale DugstadTELEPHONE 612-388-1121REPORT MONTH May 1985

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 05 06	S	0.0	B	5	N/A	N/A	N/A	Axial offset calabration.

(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
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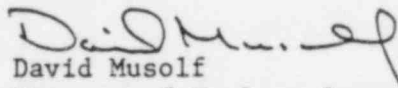
June 7, 1985

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
May, 1985

Attached are twelve copies of the Monthly Operating Report for
May, 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 Burke 08/05/85

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