

OPERATING DATA REPORT

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE JANUARY 3, 1986
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: DECEMBER 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: NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	8760	105576
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7363.2	87357.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	7334.6	86002.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1217798	11769355	135368613
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	411860	3909170	44201270
18. NET ELECTRICAL ENERGY GENERATED (MWH)	391773	3677016	41427834
19. UNIT SERVICE FACTOR	100.0	83.7	81.5
20. UNIT AVAILABILITY FACTOR	100.0	83.7	81.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.7	83.4	78.0
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	79.2	74.0
23. UNIT FORCED OUTAGE RATE	0.0	0.6	7.6
24. FORCED OUTAGE HOURS	0.0	43.6	7088.0
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

REVEILING OUTAGE ON MARCH 5, 1986

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

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NARRATIVE SUMMARY OF DEBATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE JANUARY 3, 1986
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: DECEMBER 1985

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

AVERAGE_DAILY_UNIT_POWER_LEVEL

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO.1
DATE JANUARY 3, 1986
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH:--DECEMBER--1985--

DAY	AVERAGE_DAILY_POWER_LEVEL_(MWE-NET)
1	529
2	531
3	527
4	530
5	526
6	527
7	528
8	527
9	526
10	528
11	526
12	529
13	524
14	527
15	466
16	527
17	528
18	530
19	530
20	528
21	533
22	528
23	530
24	530
25	530
26	529
27	530
28	529
29	532
30	527
31	530

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282
 UNIT NAME EBAIBIE ISLAND NO.1
 DATE JANUARY 3, 1986
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH: DECEMBER 1985

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
85/12/15	S	0.0	B	5	N/A	TB	TURBIN
TURBINE VALVES TEST.							

TYPE	REASON	METHOD	SYSTEM CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	COMPONENT CODE
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATOR ERROR		
	H-OTHER		

OPERATING DATA REPORT

DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE JANUARY 3, 1986
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 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: NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	8760	96694
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7408.6	83503.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	735.0	7378.2	82502.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1204417	11512159	129672371
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	407380	3822540	41726080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	388164	3608448	39489287
19. UNIT SERVICE FACTOR	98.8	84.2	85.3
20. UNIT AVAILABILITY FACTOR	98.8	84.2	85.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.3	82.4	81.7
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4	77.7	77.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.7
24. FORCED OUTAGE HOURS	0.0	0.0	3209.6
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

N/A

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
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DATE JANUARY 3, 1986
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TELEPHONE 612-388-1121

MONTH: DECEMBER 1985

ON THE EIGHTH AT 0347 THE GENERATOR WAS TAKEN OFF-LINE (REACTOR AT HOT STANDBY) TO BALANCE THE LP 2 ROTOR (LOW PRESSURE # 2). THE UNIT RETURNED TO SERVICE AT 1244. THERE WERE NO OTHER SHUTDOWNS.

AVERAGE_DAILY_UNIT_POWER_LEVEL

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MONTH: __DECEMBER__1985__

DAY	AVERAGE_DAILY_POWER_LEVEL_(MWE-NET)
1	531
2	532
3	528
4	530
5	529
6	530
7	529
8	254
9	526
10	535
11	527
12	530
13	530
14	532
15	532
16	529
17	529
18	532
19	530
20	526
21	535
22	529
23	533
24	532
25	532
26	531
27	532
28	532
29	534
30	531
31	532

AVERAGE LOADS ABOVE 500 MWE-NET ARE DUE
 TO COOLER CONDENSER CIRCULATING WATER

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306
 UNIT NAME PRAIRIE ISLAND NO.2
 DATE JANUARY 3, 1986
 COMPLETED BY DALE DUGSIAD
 TELEPHONE 612-388-1121

MONTH: DECEMBER 1985

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER_NUMBER	SYSTEM	COMPONENT
85/12/08	S	9.0	B	2	N/A	TB	TURBIN
THE UNIT WAS OFF-LINE TO BALANCE THE LP 2 ROTOR.							
85/12/08	S	0.0	B	4	N/A	TB	TURBIN
TURBINE VALVES TEST.							

TYPE	REASON	METHOD	SYSTEM_CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	COMPONENT_CODE
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATOR ERROR		
	H-OTHER		



Northern States Power Company

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

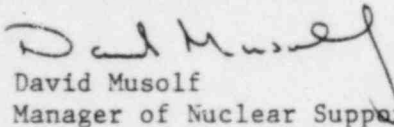
January 8, 1986

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
December, 1985

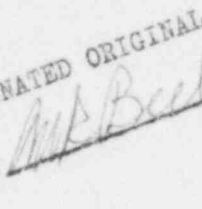
Attached are twelve copies of the Monthly Operating Report for
December, 1985 for the Prairie Island Nuclear Generating Plant.


David Musolf
Manager of Nuclear Support Services

DMM/MMV/dab

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

Attachment

DESIGNATED ORIGINAL
Certified By  03/31/86

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