

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE MARCH 4, 1986  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

THE UNIT WAS IN COASTDOWN OPERATION FOR THE UPCOMING REFUELING OUTAGE SCHEDULED FOR MARCH 5TH, 1986. THERE WERE NO SHUTDOWNS.

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AVERAGE\_DAILY\_UNIT\_POWER\_LEVEL

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE MARCH 4, 1986  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

DAY	AVERAGE_DAILY_POWER_LEVEL_(MWE-NET)
1	393
2	389
3	388
4	374
5	375
6	370
7	361
8	358
9	342
10	350
11	338
12	339
13	337
14	330
15	325
16	312
17	309
18	309
19	305
20	299
21	298
22	290
23	288
24	285
25	279
26	277
27	274
28	270

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 MARCH 4, 1986  
 COMPLETED BY DALE DUGSTAD  
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: FEBRUARY 1986
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

NOTES:

	THIS MONTH	YB-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672	1416	106992
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	88773.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	672.0	1416.0	87418.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	710736	1794874	137163487
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	236140	603790	44805060
18. NET ELECTRICAL ENERGY GENERATED (MWH)	219940	567943	41995777
19. UNIT SERVICE FACTOR	100.0	100.0	81.7
20. UNIT AVAILABILITY FACTOR	100.0	100.0	81.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	65.1	79.7	78.0
22. UNIT CAPACITY FACTOR (USING DER NET)	61.8	75.7	74.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	7.5
24. FORCED OUTAGE HOURS	0.0	0.0	7088.0
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

REVEUELING OUTAGE ON MARCH 5TH 1986

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282  
 UNIT NAME EBBWISLE ISLAND NO. 1  
 DATE MARCH 4, 1986  
 COMPLETED BY DALE DUGSIAD  
 TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
86/02/09	S	0.0	B	5	N/A	N/A	N/A
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		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-304  
UNIT PRAIRIE ISLAND NO. 2  
DATE MARCH 4, 1986  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

THE UNIT WAS BASE LOADED THIS MONTH, NO SHUTDOWNS.

AVERAGE\_DAILY\_UNIT\_POWER\_LEVEL

DOCKET NO. 50-304  
UNIT PRAIRIE ISLAND NO. 2  
DATE MARCH 4, 1986  
COMPLETED BY DALE DUGSTAD  
TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

DAY	AVERAGE_DAILY_POWER_LEVEL (MWE-NET)
1	533
2	533
3	534
4	529
5	532
6	533
7	529
8	533
9	530
10	534
11	530
12	534
13	532
14	533
15	532
16	531
17	532
18	528
19	533
20	529
21	533
22	528
23	512
24	530
25	531
26	526
27	537
28	530

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 MARCH 4, 1986  
 COMPLETED BY DALE DUGSTAD  
 TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: FEBRUARY 1986
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	YB-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672	1416	98110
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	84919.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	672.0	1416.0	83918.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1104138	2320290	131992681
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	373910	785390	42511470
18. NET ELECTRICAL ENERGY GENERATED (MWH)	356626	748788	40238075
19. UNIT SERVICE FACTOR	100.0	100.0	85.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	85.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	106.1	105.8	82.0
22. UNIT CAPACITY FACTOR (USING DER NET)	100.1	99.8	77.4
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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306  
 UNIT NAME PEABIE ISLAND NO. 2  
 DATE MARCH 4 1986  
 COMPLETED BY DALE DUGSTAD  
 TELEPHONE 612-388-1121

MONTH: FEBRUARY 1986

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LEG. NUMBER	SYSTEM	COMPONENT
86/02/18	S	0.0	B	5	N/A	N/A	N/A
AXIAL OFFSET TEST.							
86/02/23	S	0.0	B	5	N/A	N/A	N/A
TURBINE VALVES TEST.							

TYPE	REASON	METHOD	SYSTEM_CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD 805-1984 (P805-05)
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	COMPONENT_CODE
	F-ADMINISTRATIVE	9-OTHER	
	G-OPERATOR ERROR		IEEE STD 803A-1983
	H-OTHER		





Northern States Power Company

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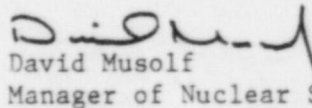
March 6, 1986

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  
February, 1986

Attached are twelve copies of the Monthly Operating Report for  
February, 1986 for the Prairie Island Nuclear Generating Plant.

  
David Musolf  
Manager of Nuclear Support Services

DMM/EFE/dab

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

Attachment

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