

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE APRIL 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1988

THE UNIT WAS BASE LOADED THIS MONTH. ON THE 10TH A REACTOR VESSEL HEAD LEAK (LESS THAN 1.0 GPM) WAS FOUND ON B4 CANOPY SEAL. AN OUTAGE WAS STARTED AT 1406 WHEN THE GENERATOR WAS TAKEN OFF-LINE AND THE REACTOR WAS SUBCRITICAL AT 1417 OF THE 10TH. THIS ENDED A CONTINUOUS RUN OF 241 DAYS.

AFTER REPAIRS WERE COMPLETED THE REACTOR WENT CRITICAL AT 2355 OF THE 13TH AND THE GENERATOR WAS ON-LINE AT 0320 OF THE 14TH.

THERE WERE NO OTHER SHUTDOWNS FOR THE REMAINDER OF THE MONTH.

THE CONTINUOUS OPERATING RUN IS AT 17 DAYS.

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AVERAGE_DAILY_UNIT_POWER_LEVEL

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE APRIL 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1988

DAY	AVERAGE_DAILY_POWER_LEVEL (MWE-NET)
1	526
2	527
3	527
4	527
5	221
6	193
7	526
8	530
9	528
10	275
11	-7
12	-6
13	-14
14	347
15	528
16	529
17	527
18	530
19	526
20	527
21	527
22	527
23	527
24	525
25	527
26	528
27	528
28	526
29	526
30	522
31	521

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 APRIL 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: MARCH 1988
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 503
5. DESIGN ELECTRICAL RATING (NET MW): 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	YB-TQ-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	2184	125280
12. NUMBER OF HOURS REACTOR WAS CRITICAL	662.4	2102.4	104645.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	658.8	2098.8	103206.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1027715	3384427	162438351
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	345970	1141700	53215710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	327625	1083599	49921264
19. UNIT SERVICE FACTOR	88.5	96.1	82.4
20. UNIT AVAILABILITY FACTOR	88.5	96.1	82.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	87.5	98.6	79.2
22. UNIT CAPACITY FACTOR (USING DER NET)	83.1	93.6	75.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	6.7
24. FORCED OUTAGE HOURS	0.0	0.0	7412.5
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

- AUGUST 1988 -----
26. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: N/A

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-282
UNIT NAME BEAIBIE ISLAND NO. 1
DATE APRIL 5, 1988-----
COMPLETED BY DALE DUGSIAD
TELEPHONE 612-388-1121

MONTH: MARCH-----1988-----

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LEG. NUMBER	SYSTEM	CONSEQUENT
88/03/05	S	0.0	B	5	N/A	N/A	N/A
TURBINE VALVES TESTING AND CONDENSER TUBE CLEANING.							
88/03/06	S	0.0	B	4	N/A	N/A	N/A
CONDENSER TUBE CLEANING CONTINUATION.							
88/03/10	S	85.2	B	1	N/A	N/A	N/A
REPAIR LEAK OF B4 CANOPY SEAL WELD ON THE REACTOR HEAD.							

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	CONSEQUENT CODE
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATOR ERROR		
	H-OTHER		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE APRIL 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1988

THE UNIT WAS BASE LOADED THIS MONTH THIS MONTH THERE WERE
NO SHUTDOWNS DURING THIS PERIOD.

SPENT FUEL POOL STORAGE UPDATE.

FUEL ASSEMBLIES IN EACH CORE	121
FUEL ASSEMBLIES IN THE SPENT FUEL STORAGE POOL	889
LICENSED SPENT FUEL STORAGE POOL CAPACITY	1582
DATE OF THE LAST REFUELING THAT CAN BE DISCHARGED WITH PRESENT CAPACITY	1994

CONTINUOUS OPERATING RUN OF 47 DAYS

AVERAGE_DAILY_UNIT_POWER_LEVEL

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE APRIL 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

MONTH: MARCH 1988

DAY	AVERAGE_DAILY_POWER_LEVEL (MWE-NET)
1	519
2	520
3	519
4	519
5	522
6	519
7	516
8	519
9	517
10	521
11	517
12	518
13	523
14	522
15	522
16	521
17	516
18	521
19	520
20	453
21	520
22	519
23	515
24	514
25	517
26	516
27	518
28	516
29	521
30	511
31	513

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 5, 1988
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: MARCH 1988
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=IQ=DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	2184	116398
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1285.7	101521.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	1266.2	100461.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1217012	1968590	158123145
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	403470	649650	51148620
18. NET ELECTRICAL ENERGY GENERATED (MWH)	384053	613727	48393120
19. UNIT SERVICE FACTOR	100.0	58.0	86.3
20. UNIT AVAILABILITY FACTOR	100.0	58.0	86.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.2	56.2	83.2
22. UNIT CAPACITY FACTOR (USING DER NET)	97.4	53.0	78.4
23. UNIT FORCED OUTAGE RATE	0.0	0.1	3.1
24. FORCED OUTAGE HOURS	0.0	1.1	3254.2
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 50-304
 UNIT NAME EBBWASIE ISLAND NO. 2
 DATE APRIL 5, 1988
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121

MONTH: MARCH 1988

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LOG NUMBER	SYSTEM	COMPONENT
88/03/20	S	000.0	B	5	N/A	N/A	N/A
TURBINE VALVE TEST AND 22 FEED WATER PUMP WORK.							

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

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April 11, 1988

Prairie Island Technical Specification
Section 6.7.A.3

U S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
50-306 DPR-60

Monthly Operating Report
March, 1988

Attached is the Monthly Operating Report for March, 1988 for the
Prairie Island Nuclear Generating Plant.

David Musolf
Manager of Nuclear Support Services

DMM/jlk

c: Director Office of Resource Management
Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

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