



Northern States Power Company

414 Nicolet Mall
Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

February 11, 1992

Prairie Island Technical Specifications
Section 6.7.A.3

US 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
January, 1992

Attached is the Monthly Operating Report for January, 1992 for the Prairie Island Generating Plant.

Thomas M Parker
Manager
Nuclear Support Service

TMP/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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PDR ADOCK 05000282
R PDR

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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO.1

DATE FEBRUARY 5, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1992

Unit One was base loaded this month, there were no shutdowns or power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 164 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO.1

DATE FEBRUARY 5, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1992

DAY AVERAGE DAILY POWER LEVEL (MWE-NET)

1	530
2	530
3	530
4	532
5	528
6	528
7	531
8	529
9	529
10	530
11	531
12	528
13	531
14	528
15	531
16	531
17	526
18	532
19	528
20	529
21	530
22	528
23	528
24	531
25	529
26	534
27	528
28	529
29	531
30	530
31	530

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 FEBRUARY 5, 1992
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JANUARY 1992
3. LICENSED THERMAL POWER (MW): 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	744	158904
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	135692.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	134100.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1221342	1221342	211527322
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	413890	413890	69501740
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394031	394031	65260722
19. UNIT SERVICE FACTOR	100.0	100.0	84.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	84.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	105.3	105.3	81.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.9	99.9	77.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.4
24. FORCED OUTAGE HOURS	0.0	0.0	7640.1
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

Maintenance & refueling outage October 21, 1992, for 30 days.

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-202
 UNIT NAME PRAIRIE ISLAND NO. 1
 DATE FEBRUARY 5, 1992
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4374

MONTH: JANUARY 1992

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
92/01/00	None.						

TYPE	REASON	METHOD	SYSTEM CODE
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
B-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-05)
	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-OPERATIONAL ERROR		
	H-OTHER		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE FEBRUARY 5, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1992

Unit Two was base loaded this month, there were no unit shutdowns.

On the 14th at 0000 the unit began coastdown operation for the refueling outage which will start on the 19th of February.

CURRENT CONTINUOUS OPERATING RUN OF 397 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE FEBRUARY 5, 1992

COMPLETED BY DALE DUBSTAD

TELEPHONE 612-388-1121-4376

MONTH: JANUARY 1992

DAY AVERAGE DAILY POWER LEVEL (MWE-NET)

1	526
2	525
3	524
4	524
5	526
6	522
7	525
8	523
9	524
10	527
11	521
12	523
13	523
14	520
15	516
16	517
17	508
18	507
19	500
20	494
21	490
22	479
23	475
24	471
25	464
26	462
27	453
28	447
29	444
30	440
31	433

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 FEBRUARY 5, 1992
COMPLETED BY DALE BUGSTAD
TELEPHONE 612-308-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 1992
3. LICENSED THERMAL POWER (MW): 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

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	744	744	150022
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	133191.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	131875.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1163268	1163268	208929415
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	389670	389670	67708260
18. NET ELECTRICAL ENERGY GENERATED (MWH)	370408	370408	64212303
19. UNIT SERVICE FACTOR	100.0	100.0	87.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	97.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.6	99.6	85.6
22. UNIT CAPACITY FACTOR (USING DER NET)	93.9	93.9	80.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9
24. FORCED OUTAGE HOURS	0.0	0.0	3964.0
25. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH):			

Maintenance & refueling outage February 17, 1992, for 20 days.

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO 50-306
UNIT NAME PRAIRIE ISLAND NO. 2
DATE FEBRUARY 5, 1992
COMPLETED BY GALE DUGSTAD
TELEPHONE 512-388-1121-4376

MONTH: JANUARY 1992

DATE YY/MM/DD	TYPE	HOURS 000.0	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
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92/01/14	S	0.0	C	5	N/A	N/A	N/A
Coastdown operation for the refueling outage.							

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(P805-05)
	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-OPERATIONAL ERROR		
	H-OTHER		