



Northern States Power Company

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January 8, 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
December 1991

Attached is the Monthly Operating Report for December 1991 for the Prairie Island Generating Plant.

Thomas M Parker
Manager
Nuclear Support Service

TMP/mkl

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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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCLET NO. 50-202

UNIT PRAIRIE ISLAND NO. 1

DATE JANUARY 3, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-398-1121-4376

MONTH: DECEMBER 1991

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

CURRENT CONTINUOUS OPERATING RUN OF 133 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 52-282

UNIT PRAIRIE ISLAND NO. 1

DATE JANUARY 3, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: DECEMBER 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWE-NET)</u>
1	531
2	530
3	528
4	530
5	529
6	531
7	532
8	529
9	528
10	530
11	530
12	530
13	529
14	533
15	528
16	529
17	530
18	530
19	532
20	527
21	530
22	530
23	527
24	532
25	531
26	528
27	531
28	529
29	530
30	532
31	528

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

OPERATING DATA REPORT

BUCKET #P 50-252

UNIT PRAIRIE ISLAND NO. 1

DATE JANUARY 3, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
REPORTING PERIOD: DECEMBER 1991
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

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	744	8760	158160
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7988.3	134948.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	7943.8	133356.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1222381	12043826	210305980
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	414080	4224940	69087850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	394181	3983680	64866691
19. UNIT SERVICE FACTOR	100.0	90.7	84.3
20. UNIT AVAILABILITY FACTOR	100.0	90.7	84.3
21. UNIT CAPACITY FACTOR (USING MOC NET)	105.3	90.4	81.5
22. UNIT CAPACITY FACTOR (USING DER NET)	100.0	85.8	77.4
23. UNIT FORCED OUTAGE RATE	0.0	1.2	5.4
24. FORCED OUTAGE HOURS	0.0	99.8	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

BUCKET NO EO-282
UNIT NAME PRAIRIE ISLAND NO. 1
DATE JANUARY 3, 1992
COMPLETED BY DALE DUGSTAD
TELEPHONE 412-288-1121-4374

MONTH: DECEMBER 1991

<u>DATE</u> <u>YY/MM/DD</u>	<u>TYPE</u>	<u>HOURS</u> <u>000.0</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NUMBER</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
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91/12/00	None.						
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<u>TYPE</u>	<u>REASON</u>	<u>L</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1- JUAL	DRAFT IEEE STD
S-SCHED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	805-1984(P805-DS)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING & LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	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 JANUARY 3, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: DECEMBER 1991

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

CURRENT CONTINUOUS OPERATING RUN OF 366 DAYS.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-206

UNIT PRAIRIE ISLAND NO. 2

DATE JANUARY 3, 1992

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

MONTH: DECEMBER 1991

DAY AVERAGE DAILY POWER LEVEL (MWE-NET)

1	526
2	522
3	527
4	523
5	524
6	527
7	526
8	525
9	522
10	525
11	525
12	524
13	525
14	520
15	523
16	524
17	525
18	525
19	526
20	522
21	525
22	526
23	522
24	526
25	525
26	523
27	530
28	520
29	525
30	524
31	526

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

OPERATING DATA REPORT

DOCKET NO. 50-305

UNIT PRAIRIE ISLAND NO. 2

DATE JANUARY 3, 1992

COMPLETED BY DALE DUGETAD

TELEPHONE 612-388-1121-4376

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 1991
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

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	744	8760	149178
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8760.0	132147.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	8760.0	131131.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224602	14299149	207766147
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	409800	4739180	67518590
18. NET ELECTRICAL ENERGY GENERATED (MWH)	390346	4480404	63841895
19. UNIT SERVICE FACTOR	100.0	100.0	87.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.9	102.3	85.5
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0	96.5	80.7
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 19, 1992, for 20 days.

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

UNIT SHUTDOWNS AND POWER REDUCTION

DOCKET NO SD-36A
UNIT NAME PRAIRIE ISLAND NO. 2
DATE JANUARY 3, 1992
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4374

MONTH: DECEMBER 1991

<u>DATE</u> <u>YY/MM/DD</u>	<u>TYPE</u>	<u>HOURS</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NUMBER</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
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91/12/00

None.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
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	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		