



Northern States Power Company

Prairie Island Nuclear Generating Plant

1717 Wakonade Dr. East
Welch, Minnesota 55089

January 5, 1996

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 Nos. 50-282 License Nos. DPR-42
50-306 DPR-60

Monthly Operating Report
December 1995

Attached is the Monthly Operating Report for December 1995 for the Prairie
Island Generating Plant.

Michael D Wadley
Plant Manager
Prairie Island Nuclear Generating Plant

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
State of Minnesota - Kris Sanda

Attachment

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DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1

DATE 01/02/96

COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 1995

Unit One was base loaded until the 9th when it began coastdown operation for the refueling and maintenance outage which starts on January 6, 1996. There were no shutdowns or other power reductions.

CURRENT CONTINUOUS OPERATING RUN OF 316 DAYS

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 01/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVELUNIT 1MONTH: DECEMBER 1995

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
12/01/95	530
12/02/95	531
12/03/95	531
12/04/95	531
12/05/95	530
12/06/95	530
12/07/95	530
12/08/95	531
12/09/95	529
12/10/95	524
12/11/95	521
12/12/95	519
12/13/95	517
12/14/95	508
12/15/95	502
12/16/95	499
12/17/95	490
12/18/95	487
12/19/95	485
12/20/95	471
12/21/95	469
12/22/95	467
12/23/95	463
12/24/95	456
12/25/95	450
12/26/95	447
12/27/95	444
12/28/95	435
12/29/95	433
12/30/95	427
12/31/95	424

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 01/02/96
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: DECEMBE 1995
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): 545
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 513
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 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	193224
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	8760.0	166359.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	744.0	8752.0	164693.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1134855	14244844	261153483
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	384880	4774060	86123710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	365067	4519038	80974305
19. UNIT SERVICE FACTOR	100	99.9	85.2
20. UNIT AVAILABILITY FACTOR	100	99.9	85.2
21. UNIT CAPACITY FACTOR (MDC NET)	95.6	100.6	83.1
22. UNIT CAPACITY FACTOR (DER NET)	92.6	97.3	79.1
23. UNIT FORCED OUTAGE RATE	0	0	4.7
24. FORCED OUTAGE HOURS	0.0	0.0	8125.9

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
 Refueling and maintenance outage starting on January 6, 1996.
26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:
 N/A

DOCKET NO. 50-282
 UNIT PRAIRIE ISLAND NO. 1
 DATE 01/02/96
 COMPLETED BY DALE DUGSTAD
 TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 1995

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/09/95	1	S	0	C	5	N/A		

NOTES: Coast down operation.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 01/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: DECEMBER 1995

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

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2

DATE 01/02/96
COMPLETED BY DALE DUGSTAD
TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: DECEMBER 1995

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
12/01/95	524
12/02/95	525
12/03/95	526
12/04/95	524
12/05/95	525
12/06/95	526
12/07/95	526
12/08/95	525
12/09/95	528
12/10/95	525
12/11/95	524
12/12/95	526
12/13/95	525
12/14/95	524
12/15/95	524
12/16/95	527
12/17/95	525
12/18/95	527
12/19/95	527
12/20/95	527
12/21/95	527
12/22/95	528
12/23/95	528
12/24/95	527
12/25/95	527
12/26/95	529
12/27/95	530
12/28/95	525
12/29/95	528
12/30/95	527
12/31/95	528

DOCKET NO. 50-306
UNIT PRAIRIE ISLAND NO. 2
DATE 01/02/96
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TELEPHONE 612-388-1121-4376

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: DECEMBER 1995
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): 544
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 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	184342
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	7698.8	162809.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	744.0	7666.8	161389.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1224000	12512847	2567930
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	411320	4189270	83901310
18. NET ELECTRICAL ENERGY GENERATED (MWH)	391542	3968168	79325664
19. UNIT SERVICE FACTOR	100	87.5	87.5
20. UNIT AVAILABILITY FACTOR	100	87.5	87.5
21. UNIT CAPACITY FACTOR (MDC NET)	102.8	88.5	85.8
22. UNIT CAPACITY FACTOR (DER NET)	99.3	85.5	81.2
23. UNIT FORCED OUTAGE RATE	0	0	2.4
24. FORCED OUTAGE HOURS	0.0	0.0	3984.7

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
N/A
26. IF CURRENTLY SHUTDOWN, ESTIMATED STARTUP DATE:
N/A

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: DECEMBER 1995

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
12/01/95	2	None	0					

NOTES:

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM CODE</u>
F-FORCED	A-EQUIPMENT FAILURE	1-MANUAL	DRAFT IEEE STD
S-SCHEDULED	B-MAINTENANCE OR TEST	2-MANUAL TRIP	800-1984(P805-D5)
	C-REFUELING	3-AUTO TRIP	
	D-REGULATORY RESTRICTION	4-CONTINUED	
	E-OPERATOR TRAINING AND LICENSE EXAMINATION	5-REDUCED LOAD	<u>COMPONENT CODE</u>
	F-ADMINISTRATIVE	9-OTHER	IEEE STD 803A-1983
	G-OPERATIONAL ERROR		
	H-OTHER		