



Northern States Power Company

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October 3, 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
September 1996

Attached is the Monthly Operating Report for September 1996 for the Prairie Island Nuclear 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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NRC MONTHLY REPORT

PRINTED 10/02/96

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DOCKET NO. 50-282

UNIT PRAIRIE ISLAND NO. 1

DATE 10/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 1996

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

CURRENT CONTINUOUS OPERATING RUN OF 90 DAYS

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AVERAGE DAILY POWER LEVEL

UNIT 1

MONTH: SEPTEMBER 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
09/01/96	512
09/02/96	509
09/03/96	512
09/04/96	510
09/05/96	509
09/06/96	508
09/07/96	512
09/08/96	511
09/09/96	512
09/10/96	516
09/11/96	513
09/12/96	520
09/13/96	515
09/14/96	521
09/15/96	519
09/16/96	517
09/17/96	521
09/18/96	520
09/19/96	521
09/20/96	520
09/21/96	523
09/22/96	520
09/23/96	523
09/24/96	522
09/25/96	523
09/26/96	524
09/27/96	526
09/28/96	526
09/29/96	526
09/30/96	525

AVERAGE LOADS ABOVE 513 MWE-NET ARE DUE TO COOLER CONDENSER CIRCULATING WATER

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OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: SEPTEMBER 1996
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	720	6575	199799
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	5172.4	171531.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	5571.1
14. HOURS GENERATOR ON-LINE	720.0	5119.7	169812.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185798	8286511	269439994
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	393330	2739430	88863140
18. NET ELECTRICAL ENERGY GENERATED (MWH)	372886	2580005	83554310
19. UNIT SERVICE FACTOR	100	77.9	85
20. UNIT AVAILABILITY FACTOR	100	77.9	85
21. UNIT CAPACITY FACTOR (MDC NET)	101	76.5	82.9
22. UNIT CAPACITY FACTOR (DER NET)	97.7	74	78.9
23. UNIT FORCED OUTAGE RATE	0	1.2	4.6
24. FORCED OUTAGE HOURS	0.0	61.2	8187.1

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 PRAIRIE ISLAND NO. 1

DATE 10/02/96

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TELEPHONE 612-388-1121-4376

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 1996

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
09/01/96	1	None	0					

NOTES:

TYPE

F-FORCED

S-SCHEDULED

REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

9-OTHER

SYSTEM CODE

DRAFT IEEE STD

800-1984(P805-D5)

COMPONENT CODE

IEEE STD 803A-1983

DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 10/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: SEPTEMBER 1996

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

CURRENT CONTINUOUS OPERATING RUN OF 90 DAYS

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DOCKET NO. 50-306

UNIT PRAIRIE ISLAND NO. 2

DATE 10/02/96

COMPLETED BY DALE DUGSTAD

TELEPHONE 612-388-1121-4376

AVERAGE DAILY POWER LEVEL

UNIT 2

MONTH: SEPTEMBER 1996

<u>DATE:</u>	<u>AVERAGE DAILY POWER LEVEL</u>
09/01/96	518
09/02/96	515
09/03/96	517
09/04/96	516
09/05/96	515
09/06/96	515
09/07/96	518
09/08/96	517
09/09/96	518
09/10/96	523
09/11/96	518
09/12/96	522
09/13/96	524
09/14/96	526
09/15/96	524
09/16/96	525
09/17/96	524
09/18/96	525
09/19/96	526
09/20/96	526
09/21/96	528
09/22/96	526
09/23/96	528
09/24/96	527
09/25/96	529
09/26/96	530
09/27/96	530
09/28/96	532
09/29/96	531
09/30/96	530

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

DATE 10/02/96

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

OPERATING DATA REPORT

OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: SEPTEMBER 1996
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	720	6575	190917
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	6475.2	169284.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.00	1516.1
14. HOURS GENERATOR ON-LINE	720.0	6445.8	167835.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1185240	10498860	267291929
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397200	3502210	87403520
18. NET ELECTRICAL ENERGY GENERATED (MWH)	376842	3312249	82637913
19. UNIT SERVICE FACTOR	100	98	87.9
20. UNIT AVAILABILITY FACTOR	100	98	87.9
21. UNIT CAPACITY FACTOR (MDC NET)	102.2	98.4	86.3
22. UNIT CAPACITY FACTOR (DER NET)	98.8	95	81.7
23. UNIT FORCED OUTAGE RATE	0	2	2.4
24. FORCED OUTAGE HOURS	0.0	129.2	4113.9

25. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
REFUELING AND MAINTENANCE OUTAGE starting in JANUARY 1997

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: SEPTEMBER 199

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
09/01/96	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		