

**FEB 11 2005**

L-PI-05-010  
Technical Specification 5.6.4

U S Nuclear Regulatory Commission  
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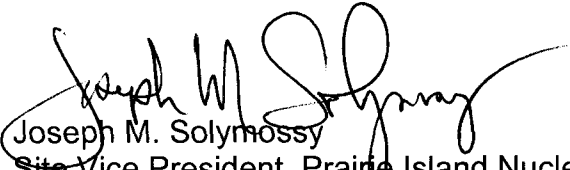
Prairie Island Nuclear Generating Plant Units 1 and 2  
Dockets 50-282 and 50-306  
License Nos. DPR-42 and DPR-60

Monthly Operating Report – January 2005

Attached is the Monthly Operating Report for January 2005 for the Prairie Island Nuclear Generating Plant.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.



Joseph M. Solymosy  
Site Vice President, Prairie Island Nuclear Generating Plant  
Nuclear Management Company, LLC

Enclosure(1)

cc: Administrator, Region III, USNRC  
Project Manager, Prairie Island, USNRC  
Resident Inspector, Prairie Island, USNRC  
Glenn Wilson, State of Minnesota

**ENCLOSURE 1**

**MONTHLY OPERATING REPORT – JANUARY 2005**

6 pages follow

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

DATE 2/7/2005

COMPLETED BY BRIAN GLENNIE  
PHONE 651-388-1121-4442

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JANUARY 2005**

During the month of January, Unit 1 was base loaded. There were no shutdowns or power reductions. There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 70 DAYS

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

DATE 2/7/2005

COMPLETED BY BRIAN GLENNIE  
PHONE 651-388-1121-4442

### OPERATING DATA REPORT

#### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JANUARY 2005
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 536
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
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	744	272880
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	236763.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	234625.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1204554	1204554	374758562
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	420780	420780	122917610
18. NET ELECTRICAL ENERGY GENERATED (MWH)	401091	401091	115761175
19. UNIT SERVICE FACTOR	100.0	100.0	86.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.0
21. UNIT CAPACITY FACTOR ( MDC NET)	103.3	103.3	83.4
22. UNIT CAPACITY FACTOR ( DER NET)	100.6	100.6	79.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.3
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

# NRC MONTHLY REPORT

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

DATE 2/7/2005

COMPLETED BY BRIAN GLENNIE  
PHONE 651-388-1121-4442

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2005

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2005	1	N/A	0			N/A	N/A	N/A
<b>NOTES:</b>		None.						

### 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 2/7/2005

COMPLETED BY BRIAN GLENNIE  
PHONE 651-388-1121-4442

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JANUARY 2005**

During the month of January, Unit 2 was base loaded. There were no shutdowns or power reductions. There are no other items to report.

CURRENT CONTINUOUS OPERATING RUN OF 73 DAYS

DOCKET NO. 50-306  
 UNIT PRAIRIE ISLAND NO. 2  
 DATE 2/7/2005  
 COMPLETED BY BRIAN GLENNIE  
 PHONE 651-388-1121-4442

### OPERATING DATA REPORT

#### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JANUARY 2005
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 536
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
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	744	263998
12. NUMBER OF HOURS REACTOR CRITICAL	744.0	744.0	235715.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	744.0	744.0	233952.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1223867	1223867	375037651
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	422330	422330	122165020
18. NET ELECTRICAL ENERGY GENERATED (MWH)	402606	402606	115533744
19. UNIT SERVICE FACTOR	100.0	100.0	88.6
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.6
21. UNIT CAPACITY FACTOR ( MDC NET)	103.7	103.7	86.4
22. UNIT CAPACITY FACTOR ( DER NET)	101.0	101.0	82.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	6481.8

# NRC MONTHLY REPORT

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

DATE 2/7/2005

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PHONE 651-388-1121-4442

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JANUARY 2005

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
1/31/2005	2	N/A	0			N/A	N/A	N/A
<b>NOTES:</b> None.								

### 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

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