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ENCLOSURE

L-PI-04-124
Technical Specification 5.6.4

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

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 – October 2004

Attached is the Monthly Operating Report for October 2004 for the Prairie Island Nuclear Generating Plant.

Summary of Commitments

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

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

Enclosure (1)

cc: Regional Administrator, USNRC, Region III
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR
NRC Resident Inspector, Prairie Island Nuclear Generating Plant
Glenn Wilson, State of Minnesota

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MONTHLY OPERATING REPORT – OCTOBER 2004

1. Summary of Operations
2. Financial Performance
3. Operational Metrics
4. Key Events and Incidents
5. Recommendations and Action Items

6 pages follow

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/3/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2004

During the month of October, Unit 1 was off line for continuation of Steam Generator Replacement and Refueling Outage 1R23.

On October 31 we gained one hour due to change from Central Daylight Savings Time to Central Standard Time.

CURRENT CONTINUOUS OPERATING RUN OF 0 DAYS

DOCKET NO. 50-282
UNIT PRAIRIE ISLAND NO. 1
DATE 11/3/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 1
- 2. REPORTING PERIOD: OCTOBER 2004
- 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	745	7320	270672
12. NUMBER OF HOURS REACTOR CRITICAL	0.0	6091.7	235071.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	0.0	6091.5	232954.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	9732589	372133773
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	3321660	122001160
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0	3133228	114893316
19. UNIT SERVICE FACTOR	0.0	83.2	86.1
20. UNIT AVAILABILITY FACTOR	0.0	83.2	86.1
21. UNIT CAPACITY FACTOR (MDC NET)	0.0	82.0	83.5
22. UNIT CAPACITY FACTOR (DER NET)	0.0	79.9	79.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.4
24. FORCED OUTAGE HOURS	0.0	0.0	10603.1

DOCKET NO. 50-282
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UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/31/2004	1	S	745	C	4	N/A	N/A	N/A
NOTES:		Continue 1R23 Refueling Outage and Steam Generator Replacement.						

<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 11/12/2004
 COMPLETED BY BRIAN GLENNIE
 PHONE 651-388-1121-4442

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MONTH: OCTOBER 2004

During the month of October, Unit 2 was base loaded.

On 10/6/2004, Unit 2 initiated a scheduled generation reduction to support the work being done on 21 Heater Drain Pump to replace the motor Amplispeed Brushes. Generator output was reduced from 570 to 524 MWe, a 8.1% drop. Generator output was restored to previous levels within 7.8 hours. Loss of generation was 302.25 MWe-hr.

On 10/31/2004, Unit 2 initiated a scheduled generation reduction to support work being done to add oil to 21 Reactor Coolant Pump lower bearing oil reservoir. Generator output was reduced from 570 to 144 MWe, a 74.7% drop. Generator output was restored to previous levels within 12 hours. Loss of generation was 1761 MWe-hr.

On October 31 we gained one hour due to change from Central Daylight Savings Time to Central Standard Time.

DESCRIPTION	START TIME	END TIME	LOSS OF GENERATION (MWe-hr)
21 HEATER DRAIN PUMP	10/6/2004 14:00	10/6/2004 21:48	302.25
21 REACTOR COOLANT PUMP	10/31/2004 12:00	10/31/2004 12:12	1761
TOTAL			2063.25

DOCKET NO. 50-308
UNIT PRAIRIE ISLAND NO. 2
DATE 11/3/2004
COMPLETED BY BRIAN GLENNIE
PHONE 651-388-1121-4442

OPERATING DATA REPORT

OPERATING STATUS

- 1. UNIT NAME: PRAIRIE ISLAND NO. 2
- 2. REPORTING PERIOD: OCTOBER 2004
- 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	745	7320	261790
12. NUMBER OF HOURS REACTOR CRITICAL	745.0	7320.0	233544.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	745.0	7320.0	231790.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1218772	12012443	371492411
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	421270	4113920	120940350
18. NET ELECTRICAL ENERGY GENERATED (MWH)	400770	3896467	114367341
19. UNIT SERVICE FACTOR	100.0	100.0	88.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.5
21. UNIT CAPACITY FACTOR (MDC NET)	103.1	102.0	86.3
22. UNIT CAPACITY FACTOR (DER NET)	100.4	99.3	82.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. FORCED OUTAGE HOURS	0.0	0.0	6435.4

**DOCKET NO. 50-306
 UNIT PRAIRIE ISLAND NO. 2
 DATE 11/3/2004
 COMPLETED BY BRIAN GLENNIE
 PHONE 651-388-1121-4442**

UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: OCTOBER 2004

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
10/6/2004	2	S	7.8	B	5	N/A	SM	P
NOTES: Replace 21 Heater Drain Pump Amplispeed brushes, WO 0401239.								
10/31/2004	2	S	11.9	B	5	N/A	AB	P
NOTES: Add oil to 21 Reactor Cooling Pump lower bearing reservoir, WO 0407309.								

<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		