Entergy

Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc
Indian Point Energy Center
295 Broadway, Suite 1
P.O. Box 249
Buchanan, NY 10511-0249

December 12, 2002
NL-02-159

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station O-P1-17
Washington, DC 20555-0001

Subject: Indian Point Unit No. 2
Docket No. 50-247
License No. DPR-26
Monthly Operating Report for November 2002

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point 2 for the month of November 2002 that is being submitted in accordance with Technical Specification 6.9.1.7. There are no commitments contained in this letter.

If there are any questions regarding this matter, please contact Mr. John McCann, Manager, Licensing, Indian Point Energy Center at (914) 734-5074.

Sincerely,

Fred Dacimo
Vice President – Operations
Indian Point 2

cc: see next page

IE24

Enclosure: Monthly Operating Report for November 2002

cc: Mr. Hubert J. Miller
Regional Administrator – Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1498

Resident Inspector
U.S. Nuclear Regulatory Commission
Indian Point 2
P.O. Box 38
Buchanan, NY 10511

Mr. Paul Eddy
State of New York Department of Public Service
3 Empire Plaza
Albany, NY 12223

OPERATING DATA REPORT

DOCKET NO. 50-247
DATE December 9, 2002
COMPLETED BY M. Walther
TELEPHONE (914)734-5728

OPERATING STATUS

1. Unit Name : INDIAN POINT UNIT No. 2
2. Reporting Period : November-2002
3. Licensed Thermal Power (MWt) : 3071.4
4. Nameplate Rating (Gross Mwe) : 1008
5. Design Electrical Rating (Net Mwe) : 986
6. Maximum Dependable Capacity (Gross Mwe) : 985
7. Maximum Dependable Capacity (Net Mwe) : 951

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report , Give Reasons :

9. Power Level To Which Restricted , If Any (Net Mwe) :
10. Reasons For Restrictions , If Any :

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,016	249,121
12. Number Of Hours Reactor Was Critical	105.87	7,256.87	173,757.62
13. Reactor Reserve Shutdown Hours	0	0	4,566.64
14. Hours Generator On-Line	78.25	7,187 25	169,828.30
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	82,706	21,746,287	478,258,690
17. Gross Electrical Energy Generated (MWH)	20,353	7,117,306	149,364,196
18 Net Electrical Energy Generated (MWH)	11,640	6,866,195	143,089,117
19. Unit Service Factor	10 9	89.7	68.2
20 Unit Availability Factor	10.9	89 7	68.2
21. Unit Capacity Factor (Using MDC Net)	1.7	91 2	64 3
22 Unit Capacity Factor (Using DER Net)	1.6	86 9	62.2
23. Unit Forced Outage Rate	0	0	13.9

24. Shutdowns Scheduled Over Next 6 Months (Type , Date , and Duration Of Each) :
25. If Shut Down At End Of Report Period , Estimated Date Of Startup :

26. Units In Test Status (Prior to Commercial Operation) :	Forecast	Achieved
INITIAL CRITICALITY	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT I.P. Unit #2
DATE December 9, 2002
COMPLETED BY M. Walther
TELEPHONE (914)734-5728

MONTH November-2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	136
13	0	29	225
14	0	30	377
15	0	31	-
16	0		

INSTRUCTIONS

On this format , list the average daily unit power level in Mwe-Net for each day in the reporting month. Compute to the nearest whole megawatt .

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-247
UNIT I.P. Unit #2
DATE December 9, 2002
COMPLETED BY M. Walther
TELEPHONE (914)734-5728

REPORT MONTH November-2002

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
2	021026	S	641.75	C	2		XX	XXXXXX	Cycle 15/16 refueling outage. Reactor critical for Cycle 16 on 11/26/2002. Initial Sync. occurred on 11/27/2002
N/A	021127	F	0 00	A	4		EA	XXXXXX	Breaker 9 air leakage problem. Reduced Reactor power below P-8 to close on breaker 7.

1
S : Scheduled
F: Forced

2.
A - Equipment Failure (Explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Administrative

3
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Other (Explain)

4
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-0161)

5
Exibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

November-2002

Unit 2 began the month in refueling outage 2R15. On November 26th at 0445 hours the unit achieved initial criticallity for cycle 16. On November 26, due to rod F-2 misalignment the reactor was brought subcritical at 0753 hours. After successful troubleshooting, repair and testing, the reactor was brought critical at 1716 hours on November 26. The unit was synchronized to the bus on November 27, at 1745 hours. Power ascension commenced until 2245 hours, on November 27, due to an air leakage problem on breaker 9. Reactor power was reduced to below P-8, and closure on breaker 7 was completed. At 0129 hours on November 28 power ascension was again commenced. At approximately 0730 hours, power was held at 30 percent for physics testing. Power ascension commenced at 1204 hours on November 29. On November 30, at approximately 0100 hours, power was held near 50 percent for physics testing. At approximately 1425 hours, power ascension commenced to months end.