



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

November 14, 2002  
NL-02-144

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 October 2002

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point 2 for the month of October 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,

A handwritten signature in black ink, appearing to read "Fred Dacimo".

Fred Dacimo  
Vice President – Operations  
Indian Point 2

cc: see next page

JE24

Enclosure: Monthly Operating Report for October 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 November 6, 2002  
 COMPLETED BY A. Semidey  
 TELEPHONE (914) 734-5694

OPERATING STATUS

1. Unit Name : <u>INDIAN POINT UNIT No. 2</u>	Notes
2. Reporting Period : <u>October-2002</u>	
3. Licensed Thermal Power ( MWt ) : <u>3071.4</u>	
4. Nameplate Rating ( Gross Mwe ) : <u>1008</u>	
5. Design Electrical Rating ( Net Mwe ) : <u>986</u>	
6. Maximum Dependable Capacity ( Gross Mwe ) : <u>* 985</u>	
7. Maximum Dependable Capacity ( Net Mwe ) : <u>* 951</u>	
8. If Changes Occur in Capacity Ratings ( Items Number 3 Through 7 ) Since Last Report , Give Reasons : <u>* Winter ratings effective @0200 hours on October 27, 2002 at the change to Eastern Standard Time.</u>	

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	<u>745</u>	<u>7,296</u>	<u>248,401</u>
12. Number Of Hours Reactor Was Critical	<u>600</u>	<u>7,151</u>	<u>173,651.75</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4,566.64</u>
14. Hours Generator On-Line	<u>600</u>	<u>7,109</u>	<u>169,750.05</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated ( MWH )	<u>1,789,250</u>	<u>21,663,581</u>	<u>478,175,984</u>
17. Gross Electrical Energy Generated ( MWH )	<u>582,414</u>	<u>7,096,953</u>	<u>149,343,843</u>
18. Net Electrical Energy Generated ( MWH )	<u>560,799</u>	<u>6,854,555</u>	<u>143,077,477</u>
19. Unit Service Factor	<u>80.5</u>	<u>97.4</u>	<u>68.3</u>
20. Unit Availability Factor	<u>80.5</u>	<u>97.4</u>	<u>68.3</u>
21. Unit Capacity Factor ( Using MDC Net )	<u>80.6</u>	<u>100.2</u>	<u>64.5</u>
22. Unit Capacity Factor ( Using DER Net )	<u>76.3</u>	<u>95.3</u>	<u>62.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>13.9</u>
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 :	<u>November 29, 2002</u>	
26. Units In Test Status ( Prior to Commercial Operation ) :	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE November 6, 2002

COMPLETED BY A. Semidey

TELEPHONE (914) 734-5694

MONTH October-2002

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>963</u>
2	<u>962</u>
3	<u>961</u>
4	<u>960</u>
5	<u>960</u>
6	<u>961</u>
7	<u>960</u>
8	<u>963</u>
9	<u>958</u>
10	<u>963</u>
11	<u>962</u>
12	<u>963</u>
13	<u>963</u>
14	<u>965</u>
15	<u>968</u>
16	<u>964</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>967</u>
18	<u>966</u>
19	<u>966</u>
20	<u>967</u>
21	<u>967</u>
22	<u>966</u>
23	<u>968</u>
24	<u>900</u>
25	<u>348</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

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 November 6, 2002  
 COMPLETED BY A. Semidey  
 TELEPHONE (914)734-5694

REPORT MONTH October-2002

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
N/A	021024	S	0.00	H	4		XX	XXXXXXX	End of cycle coastdown.
N/A	021025	S	0.00	H	4		XX	XXXXXXX	End of cycle coastdown.
2	021026	S	145.00	C	2		XX	XXXXXXX	Cycle 15/16 refueling outage in progress. Reactor manually tripped at 0000 hours.

1  
 F : Forced  
 S : Scheduled

2  
 Reason :  
 A - Equipment Failure ( Explain )  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & License Examination  
 F - Administrative  
 G - Operational Error ( Explain )  
 H - Other ( Explain )

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

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

5  
 Exhibit I - Same Source

NL-02-144  
 Enclosure  
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**SUMMARY OF OPERATING EXPERIENCE**

**October 2002**

Unit 2 operated at full power until October 9, 2002, when at 1518 hours, a controlled shutdown commenced in accordance with Technical Specification (TS) 3.0.1 due to two out of three Emergency Diesel Generators (EDG Nos. 21 and 23) being declared inoperable. A four hour non-emergency notification was provided to the NRC which will be followed-up with a Licensee Event Report (LER-2002-006). EDG 23 was declared inoperable at 2152 hours on October 8, 2002, due to failure of its monthly test. EDG 21 was declared inoperable at 1359 hours on October 9, 2002, due to indications of engine jacket water in the fuel oil drip tank. Inspections of the powerhead discovered a breached powerhead (3L).

Following troubleshooting, EDG 23 was declared operable at 1635 hours on October 9, 2000, at which time TS 3.0.1 was exited. Immediate troubleshooting could not duplicate the anomaly. Subsequent increased testing discovered a defective electronic governor control. Reactor power reduction was stopped at approximately 97 percent. Power escalation commenced on October 9, 2002, at approximately 1730 hours, with full power achieved at approximately 2300 hours on October 9, 2002. Unit 2 continued to run at full power until October 24, 2002, when at 1500 hours a controlled shutdown commenced in preparation for refueling outage 15. The reactor was manually tripped at 0000 hours, on October 26, 2002, for the start of the refueling outage

**Major Safety Related Maintenance**

<b>W.O #</b>	<b>SYSTEM</b>	<b>COMPONENT</b>	<b>DATE COMPLETED</b>	<b>WORK PERFORMED</b>
IP2-02 -57748	EE	ENGINE	10/10/2002	Replaced 3L Cylinder Head EDG 21
IP2-02 -56444	WA	MOTORX	10/4/2002	Replaced 26 Service Water Pump Motor
IP2-02 -57909	EE	MECFUN	10/25/2002	Replaced 23 EDG Electronic Governor Control (EGA)