

Stephen E. Quinn  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Avenue  
Buchanan, NY 10511  
Telephone (914) 734-5340

January 15, 1997

Re: Indian Point Station  
Docket No. 50-247

Document Control Desk  
US Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for  
December 1996.

Very truly yours,



Enclosure

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

Senior Resident Inspector  
US Nuclear Regulatory Commission  
PO Box 38  
Buchanan, NY 10511

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

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PDR ADOCK 05000247  
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## SUMMARY OF OPERATING EXPERIENCE

### December 1996

Unit 2 began the month of December at 100% reactor power until approximately 2020 hours on the 6th when a load decrease was initiated to conduct our periodic turbine stop valve test. 88% reactor power was reached at 0200 hours on the 7th and the test was completed. At the same time, a steam dump valve test was conducted and two of the tested valves failed and were declared inoperable. Two inoperable steam dump valves limited our reactor power to 93%. At 0950 hours on the same day, one of the valves was repaired and retested successfully. Once this valve was declared operable, at 1105 hours, power ascension began and 100% reactor power achieved at 1315 hours the same day.

The unit remained at 100% power until the 20th when a plant shutdown was commenced at 1451 hours due to a leak on the suction line to the RWST purification pump. After a conference with the NRC, the shutdown was stopped and power escalation began at 1656 hours on the 20th. 100% reactor power was again reached at 0145 hours on the 21st. The unit operated the rest of the month at 100% power.

OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE Jan. 9, 1997  
 COMPLETED BY A. Reed  
 TELEPHONE (914) 734-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: December 1996
3. Licensed Thermal Power (MWt): 3071.4
4. Nameplate Rating (Gross MWe): 1310\*
5. Design Electrical Rating (Net MWe): 986
6. Maximum Dependable Capacity (Gross MWe): 985
7. Maximum Dependable Capacity (Net MWe): 951

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

\*"Nameplate" of generator significantly exceeds original design nameplate of 1013 MWe which we consider the unit nameplate rating. It is consistent with the unit's licensed thermal power and heat balance of 1008 MW.

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>744</u>	<u>8784</u>	<u>197281</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>8325.87</u>	<u>142545.52</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4434.77</u>
14. Hours Generator On-Line	<u>744</u>	<u>8262.68</u>	<u>139106.90</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2273253</u>	<u>25135010</u>	<u>386978287</u>
17. Gross Electrical Energy Generated (MWH)	<u>743886</u>	<u>8127281</u>	<u>119538758</u>
18. Net Electrical Energy Generated (MWH)	<u>718405</u>	<u>7831789</u>	<u>114493774</u>
19. Unit Service Factor	<u>100.0</u>	<u>94.1</u>	<u>70.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>94.1</u>	<u>70.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.5</u>	<u>94.9</u>	<u>65.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.9</u>	<u>90.4</u>	<u>64.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.4</u>	<u>6.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling outage scheduled for 4/5/97 with an estimated duration of 56 days.

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	<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 01/09/97

COMPLETED BY A. Reed

MONTH December 1996

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>970</u>
2	<u>963</u>
3	<u>968</u>
4	<u>971</u>
5	<u>974</u>
6	<u>958</u>
7	<u>922</u>
8	<u>966</u>
9	<u>965</u>
10	<u>962</u>
11	<u>973</u>
12	<u>972</u>
13	<u>971</u>
14	<u>971</u>
15	<u>969</u>
16	<u>967</u>

17	<u>971</u>
18	<u>973</u>
19	<u>972</u>
20	<u>871</u>
21	<u>971</u>
22	<u>971</u>
23	<u>973</u>
24	<u>973</u>
25	<u>974</u>
26	<u>974</u>
27	<u>974</u>
28	<u>973</u>
29	<u>973</u>
30	<u>974</u>
31	<u>974</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 01/09/97

COMPLETED BY A. Reed

TELEPHONE (914) 734-5155

REPORT MONTH December 1996

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	961220	F	0	A	4		CF	PIPEXX (A)	LEAK FOUND ON SUCTION LINE TO REFUELING WATER PURIFICATION PUMP. A CONFERENCE WITH NRC RESULTED IN ENDING THE POWER REDUCTION AND RETURN TO 100% POWER, ALONG WITH AUGMENTED SURVEILLANCE OF THE LEAK TO MONITOR FOR INCREASED LEAKAGE.

1  
F: Forced  
S: Scheduled

2  
Reason:  
A - Equipment Failure (Explain)  
B - Maintenance or Test  
C - Refueling  
D - Regulatory Restriction  
E - Operator Training & Licensee 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 of Licensee Event Report (LER) File (NUREG-0161)

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5  
Exhibit 1 - Same Source

MAJOR SAFETY RELATED MAINTENANCE

<u>W.O. #</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE COMPLETED</u>	<u>WORK PERFORMED</u>
87314	RPS	PC-449A/B	12/08/96	Replaced Bistable
87315	RPS	TC-442B/O	12/08/96	Replaced Bistable
87316	RPS	PC-419C/F	12/08/96	Replaced Bistable
87319	RPS	TC-441C/D	12/08/96	Replaced Bistable
87321	RPS	PC-474B	12/08/96	Replaced Bistable
87322	RPS	FC-474A	12/08/96	Replaced Bistable