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Vice President

Consolidated Edison Company of New York, Inc.  
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Telephone (914) 734-5340

December 16, 1996

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 November 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

9612200164 961130  
PDR ADOCK 05000247  
R PDR

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## SUMMARY OF OPERATING EXPERIENCE

### November 1996

Unit 2 operated the entire month of November at 100% reactor power.

# OPERATING DATA REPORT

DOCKET NO. 50-247  
DATE Dec. 6, 1996  
COMPLETED BY A. Reed  
TELEPHONE (914) 734-5155

## OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: November 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

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	<u>720</u>	<u>8040</u>	<u>196537</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>7581.87</u>	<u>141801.52</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4434.77</u>
14. Hours Generator On-Line	<u>720</u>	<u>7518.68</u>	<u>138362.90</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2211408</u>	<u>22861757</u>	<u>384705034</u>
17. Gross Electrical Energy Generated (MWH)	<u>723456</u>	<u>7383395</u>	<u>118794872</u>
18. Net Electrical Energy Generated (MWH)	<u>698128</u>	<u>7113384</u>	<u>113775369</u>
19. Unit Service Factor	<u>100.0</u>	<u>93.5</u>	<u>70.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>93.5</u>	<u>70.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.0</u>	<u>94.2</u>	<u>65.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.3</u>	<u>89.7</u>	<u>63.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.7</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  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

N/A      N/A  
N/A      N/A  
N/A      N/A

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 12/06/96

COMPLETED BY A. Reed

MONTH November 1996

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

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

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>974</u>
18	<u>971</u>
19	<u>972</u>
20	<u>973</u>
21	<u>972</u>
22	<u>973</u>
23	<u>973</u>
24	<u>971</u>
25	<u>972</u>
26	<u>972</u>
27	<u>972</u>
28	<u>972</u>
29	<u>972</u>
30	<u>972</u>
31	<u>N/A</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 12/06/96

COMPLETED BY A. Reed

TELEPHONE (914) 734-5155

REPORT MONTH November 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
NONE									

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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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>
86911	RPS	FC-416	11/03/96	Replaced Bistable
86912	RPS	FC-426	11/03/96	Replaced Bistable
86913	RPS	FC-436	11/03/96	Replaced Bistable
86914	RPS	FC-446	11/03/96	Replaced Bistable
86915	RPS	PC-948B/E	11/03/96	Replaced Bistable
86916	RPS	PC-949B	11/03/96	Replaced Bistable
86917	RPS	PC-429G/H	11/03/96	Replaced Bistable
86918	RPS	PC-429E/F	11/03/96	Replaced Bistable
86919	RPS	PC-439A/B	11/03/96	Replaced Bistable
87029	RPS	TC-431A/B	11/10/96	Replaced Bistable
87030	RPS	PC-457B	11/10/96	Replaced Bistable
87031	RPS	PC-457C/E	11/10/96	Replaced Bistable
87032	RPS	PC-457A	11/10/96	Replaced Bistable
87033	RPS	LC-461A/B	11/10/96	Replaced Bistable
87131	RPS	LC-417E/F	11/10/96	Replaced Bistable
87132	RPS	LC-427E/F	11/10/96	Replaced Bistable
87133	RPS	LC-437E/F	11/10/96	Replaced Bistable
87134	RPS	LC-447E/F	11/10/96	Replaced Bistable
87271	RPS	LC-417A/B	11/17/96	Replaced Bistable
87272	RPS	LC-417G	11/17/96	Replaced Bistable
87273	RPS	LC-427A/B	11/17/96	Replaced Bistable
87274	RPS	LC-427G	11/17/96	Replaced Bistable
87275	RPS	LC-437A/B	11/17/96	Replaced Bistable
87276	RPS	LC-437G	11/17/96	Replaced Bistable
87277	RPS	LC-447A/B	11/17/96	Replaced Bistable
87278	RPS	LC-447G	11/17/96	Replaced Bistable