

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 7-5-83  
 COMPLETED BY E.F. Eich  
 TELEPHONE 914-526-5155

## OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: June 1983
3. Licensed Thermal Power (MWt): 2758
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 873
6. Maximum Dependable Capacity (Gross MWe): 885
7. Maximum Dependable Capacity (Net MWe): 849

Notes Management personnel assumed responsibility for all plant operations when members of Local 1-2 UWUA went out on strike on June 18, 1983.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>78888</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>3916.15</u>	<u>52073.83</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>33.85</u>	<u>1612.36</u>
14. Hours Generator On-Line	<u>720</u>	<u>3594.50</u>	<u>50433.80</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1962839</u>	<u>9415443</u>	<u>130852119</u>
17. Gross Electrical Energy Generated (MWH)	<u>620270</u>	<u>2963630</u>	<u>40466356</u>
18. Net Electrical Energy Generated (MWH)	<u>596994</u>	<u>2833920</u>	<u>38565977</u>
19. Unit Service Factor	<u>100.0</u>	<u>82.8</u>	<u>63.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>82.8</u>	<u>63.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.7</u>	<u>76.0</u>	<u>56.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.0</u>	<u>74.8</u>	<u>56.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>7.0</u>	<u>9.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast      Achieved  
~~\_\_\_\_\_~~      ~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~      ~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~      ~~\_\_\_\_\_~~  
 N/A

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
 UNIT I.P. Unit 2  
 DATE 7-5-83  
 COMPLETED BY E. F. Eich  
 TELEPHONE 914-526-5155

MONTH June 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>851</u>
2	<u>848</u>
3	<u>847</u>
4	<u>845</u>
5	<u>821</u>
6	<u>845</u>
7	<u>837</u>
8	<u>847</u>
9	<u>841</u>
10	<u>840</u>
11	<u>837</u>
12	<u>841</u>
13	<u>838</u>
14	<u>837</u>
15	<u>839</u>
16	<u>838</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>836</u>
18	<u>661</u>
19	<u>831</u>
20	<u>833</u>
21	<u>826</u>
22	<u>824</u>
23	<u>822</u>
24	<u>838</u>
25	<u>826</u>
26	<u>837</u>
27	<u>834</u>
28	<u>831</u>
29	<u>791</u>
30	<u>833</u>
31	<u>---</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

REPORT MONTH June 1983DOCKET NO. 50-247UNIT NAME I.P. Unit 2DATE 7-5-83COMPLETED BY E. F. EichTELEPHONE 914-526-5155

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	830618	S	0	B	4	N/A	HA	Valvex F	Load reduction to facilitate turbine valve testing

<sup>1</sup> F. Forced  
S. Scheduled

(9/77)

<sup>2</sup> 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)

<sup>3</sup> Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup> Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NTRI G-  
0161)

<sup>5</sup> Exhibit I - Same Source

Docket No.: 50-247  
 Date: 7/8/83  
 Completed by: R. Platt, D. Army  
 June, 1983

Mechanical and Electrical Maintenance

<u>MWR</u>	<u>SYSTEM *</u>	<u>COMPONENT</u>	<u>CORRECTIVE MAINTENANCE</u>	<u>DATE</u>
202-6851	Rod Position Indicator for K10 (RPI)	Rod Position Indication	When shutdown, Proteus computer presented excessive loading to RPI circuit. Temporary modification made to Proteus input pending permanent Engineering modification.	1/27/83
202-7060	CVCS	No. 23 RCP seal outlet temperature	Repaired shorted wires at RTD head.	2/14/83
202-7050	ELEC	Bus. sect. 3A Undervoltage Relay	Readjusted loose lower bearing of relay.	2/24/83
202-5501	Heat Trace	Boric Acid Heat Trace Circuit No. 3	Shorted thyristor re- placed in temperature controller.	2/9/83
201-6433	UP	Independent Electrical	Detection probes and front-end electronics	2/20/83
202-6471	UP	Overspeed Protection System	replaced with modified/ improved models.	
4394	CVCS	21 BAE Fd.Pp. Valve	Replaced 21 Boric Acid Evap.Feed Pump	2/4/83
5628	CVCS	TCV-149 Valve	Replaced Valve Actuator	2/4/83
5715	SIS	839E Valve	Adjusted Regulator	2/7/83
6715	IA	21IA Comp.	Replaced motor with rebuilt (PM)	2/25/83

\* See May 1983 Monthly Operating Report (submitted 6/15/83) for a list of system abbreviations.

<u>MWR</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>CORRECTIVE MAINTENANCE</u>	<u>DATE</u>
6782	WDS	22 Waste Gas Comp. Valve	Replaced seals	2/4/83
6957	SW	SWN 44-1-13 Valve	Repaired Operator	2/8/83
6961	RHR	822B Valve	Cleaned Contacts on Operator	2/8/83
7078	RHR	731 Valve	Repacked valve	2/16/83

John D. O'Toole  
Vice President

Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, NY 10003  
Telephone 212-410-0000

July 15, 1983

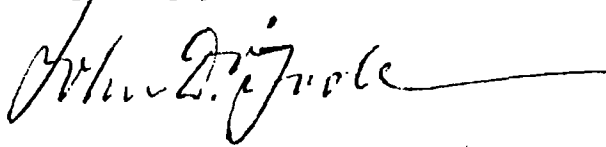
RE: Indian Point Unit No. 2  
Docket No. 50-247

Mr. William G. McDonald, Director  
Office of Management Information  
and Program Control  
C/O Distribution Services Branch, DDC, ADM  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. McDonald:

Enclosed you will find two copies of the Monthly Operating  
Report related to Indian Point Unit No. 2 for the month of  
June 1983.

Very truly yours,



Encl.

CC: Mr. Richard DeYoung, Director (40 copies)  
Office of Inspection and Enforcement  
C/O Distribution Services Branch, DDC, ADM  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. Thomas E. Murley, Regional Administrator  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Mr. Thomas Foley, Sr. Resident Inspector  
U.S. Nuclear Regulatory Commission  
P. O. Box 38  
Buchanan, NY 10511

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## SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247

Completed by: John Curry

Telephone No.: 914/526-5235

Indian Point Unit No. 2 operated at 100% reactor power from June 1 through June 5 when a load reduction became necessary as a result of both Heater Drain Tank Pumps tripping. This brief load reduction was terminated at 70%. Investigation revealed that the instrument air tubing from the valve positioner to the discharge valve from Pump No. 21 had pulled out at a fitting causing the valve to fail open. The Heater Drain Tank then emptied resulting in a trip of both pumps on low level. Power was restored to normal after the repair to the valve operator was completed.

The Unit operated at 100% reactor power from June 5 through June 18. On June 18, load was reduced to conduct the Turbine Stop and Control Valve monthly test and to perform maintenance on both Main Boiler Feed Pump Control Oil Systems. Reactor power was maintained at approximately 43% during the test. Upon completion of the test and oil system maintenance, reactor power was increased to 100%.

The unit operated at 100% power from June 18 until June 29 when power was briefly reduced to 62% to take No. 21 Heater Drain Tank Pump out of service to repair a leak on a cooling water hose to the pump's mechanical seal.

During the period from June 20 through June 30, several power entries were made to the vapor containment building to repair two control rod drive mechanism cooling fans.

On June 18, members of the Utility Workers Union of America, Local 1-2 went on strike. Since then, qualified management personnel have manned required plant positions without incident.