

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 11/1/84  
 COMPLETED BY M. Blatt  
 TELEPHONE (914) 526-5127

## OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: October 1984
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): 900
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
 Items 6 and 7 changed to winter ratings effective 0200 10/28/84

Notes Unit was returned to service on 10-21-84 following the Cycle 6/7 refueling and maintenance outage.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	90625
12. Number Of Hours Reactor Was Critical	317.82	3546.50	59493.72
13. Reactor Reserve Shutdown Hours	18.72	18.72	2138.45
14. Hours Generator On-Line	224.88	3429.60	57625.30
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	415487	8643715	149676334
17. Gross Electrical Energy Generated (MWH)	118840	2698370	46355946
18. Net Electrical Energy Generated (MWH)	101637	2565854	44192946
19. Unit Service Factor	30.2	46.9	63.6
20. Unit Availability Factor	30.2	46.9	63.6
21. Unit Capacity Factor (Using MDC Net)	16.0	41.0	56.8
22. Unit Capacity Factor (Using DER Net)	15.6	40.2	55.9
23. Unit Forced Outage Rate	13.8	12.8	9.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	NONE		

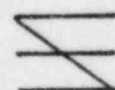
25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

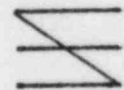
Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION



N/A



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
UNIT I.P. UNIT #2  
DATE 11/2/84  
COMPLETED BY M. Blatt  
TELEPHONE (914) 526-5127

MONTH OCTOBER 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	53
24	299
25	342
26	349
27	525
28	743
29	733
30	705
31	740

## 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

REPORT MONTH OCTOBER 1984

DOCKET NO. 50-247  
 UNIT NAME R.P. #2  
 DATE 11/2/84  
 COMPLETED BY M. Blatt  
 TELEPHONE (914) 526-5127

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
4	840602	S	484.18	C	1	N/A	XX	XXXXXXX	Cycle 6/7 Refueling Outage continued from September
5	841022	F	35.93	H	2	N/A	HJ	Turbin	Fire on H.P. Turbine Logging

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

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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 (NUREG-0161)

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

#### SUMMARY OF OPERATING EXPERIENCE

Following completion of the Cycle 6/7 refueling and maintenance outage, the Indian Point Unit No. 2 reactor was brought critical on October 17, 1984. The Unit was synchronized to the bus on October 21, 1984 and reactor power gradually increased to 50% for further testing. On October 27, 1984, reactor power was brought up to 90% and conditions stabilized at this level for further physics testing and instrument calibrations.

On October 16, premature lifting of two steam generator safety valves while the reactor was subcritical resulted in a safety injection actuation and reactor trip. Reactor trips occurred on October 20 from 10% and 5% reactor power due to, respectively, a turbine trip during a mock turbine overspeed test and steam generator No. 22 low level mismatch while manually shifting from auxiliary to main feedwater. On October 22, reactor power was manually decreased from 50% to 6% and a manual turbine-reactor trip initiated due to a fire in oil soaked insulation at the No. 1 main bearing of the Unit 2 main generator. Damage was minimal and the Unit was returned to service the following day.

MAJOR SAFETY RELATED  
CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
14204	ELEC	24 SW Pump Breaker (Alternate Feed)	7/16	Cleaned contacts and renewed burnt coil.
14205	ELEC	23 SW Pump Breaker (Alternate Feed)	7/16	Cleaned contacts, in- stalled new coil and adjusted breaker.
14616	VC	95' Airlock Inner Door	7/06	Aligned door.
14638	RVI	Lifting Rig	7/25	Modified and adjusted lifting rig to fit reactor lower internals.



John D. O'Toole  
Vice President

Consolidated Edison Company of New York, Inc.  
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November 15, 1984

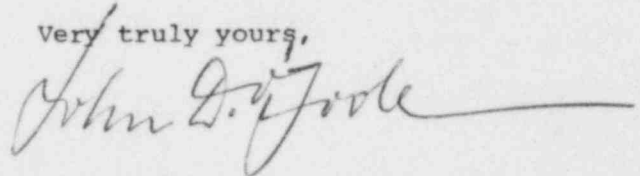
Re: Indian Point Unit No. 2  
Docket No. 50-247

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 for  
Indian Point Unit No. 2 for the month of October 1984.

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

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11