

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 12-4-84  
 COMPLETED BY M. Blatt  
 TELEPHONE (914) 526-5127

## OPERATING STATUS

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

Notes

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	720	8040	91345
12. Number Of Hours Reactor Was Critical	718.10	4264.60	60211.82
13. Reactor Reserve Shutdown Hours	1.90	20.62	2140.35
14. Hours Generator On-Line	718.03	4147.63	58343.33
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1936122	10579837	151612456
17. Gross Electrical Energy Generated (MWH)	614970	3313340	46970916
18. Net Electrical Energy Generated (MWH)	593056	3158910	44786002
19. Unit Service Factor	99.7	51.6	63.9
20. Unit Availability Factor	99.7	51.6	63.9
21. Unit Capacity Factor (Using MDC Net)	95.3	45.9	57.1
22. Unit Capacity Factor (Using DER Net)	94.4	45.0	56.2
23. Unit Forced Outage Rate	0	10.8	9.3
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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

~~NA~~

NA

~~NA~~

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
UNIT I.P. Unit #2  
DATE 12-4-84  
COMPLETED BY M. Blatt  
(914) 526-5127  
TELEPHONE \_\_\_\_\_

MONTH NOVEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>744</u>	17	<u>841</u>
2	<u>721</u>	18	<u>835</u>
3	<u>743</u>	19	<u>830</u>
4	<u>835</u>	20	<u>850</u>
5	<u>829</u>	21	<u>850</u>
6	<u>824</u>	22	<u>851</u>
7	<u>832</u>	23	<u>854</u>
8	<u>832</u>	24	<u>851</u>
9	<u>823</u>	25	<u>853</u>
10	<u>809</u>	26	<u>850</u>
11	<u>826</u>	27	<u>847</u>
12	<u>826</u>	28	<u>852</u>
13	<u>837</u>	29	<u>850</u>
14	<u>837</u>	30	<u>682</u>
15	<u>844</u>	31	<u>-</u>
16	<u>849</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

REPORT MONTH NOVEMBER 1984

DOCKET NO. 50-247  
 UNIT NAME I.P. Unit #2  
 DATE 12-4-84  
 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
6	841130	S	1.90	B	1	NA	HA	ZZZZZZ	Misc. Maintenance

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

<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 (NUREG-0161)

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

## Summary of Operating Experience

November 1984

Following the completion of 90% power physics testing, Indian Point Unit No. 2 reactor power was increased to 100% on November 4. With the exception of a few brief power reductions, the Unit operated at maximum licensed reactor power through November 29.

On November 2, power was briefly reduced from 90% to 82% due to low condenser vacuum. On November 9, 10 and 18 reactor power was reduced by approximately 10% due to higher than normal steam generator chloride concentrations.

Early in the month, a small primary to secondary leak was confirmed in No. 22 steam generator. The leak rate is on the order of 0.006 gallons per minute and appears to be stable at this rate.

On November 30 the Unit was brought to hot shutdown for a scheduled two day maintenance outage.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
14603	RCS	Valve PCV 455A	8/24/84	Valve body and bonnet replaced with one from spare valve.
14854	CVCS	21 Charging Pump	8/07/84	Removed and replaced all packing, plungers, springs, valves, and valve seats.
10993	ACS	21 Component Cooling Pump	9/17/84	Removed motor, inspected inside of motor, replaced the bearings.
14083	MRS	21 Steam Dump Valve	9/07/84	Removed operator. Drilled out broken bolts, tapped holes, re-installed operator and set stroke.
14677	SW	24 SW Strainer	9/20/84	Replaced gearbox housing supports, bearing collar, strainer element and repacked strainer.
10929	APW	21 ABF Pump	10/11/84	Removed bearing covers and upper half of pump. Removed rotating element. Cleaned upper and lower halves of pump casing. Re-installed new rotating element.
14671	SW	SWN 44-3-B	10/05/84	Repaired valve.
14672	SW	SWN 41-3-B	10/05/84	Repaired valve.
14676	SW	SWN 44-4-B	10/05/84	Overhauled valve
15657	SW	SWN 41-4-B	10/05/84	Overhauled valve
15784	SW	SWN 41-1-B	10/05/84	Removed and repaired valve, re-installed.



MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
15785	SW	SWN-44-1-B	10/05/84	Repaired valve.
15912	SW	SWN 41-5-A	10/05/84	Removed valve, inspected and re-installed.
15913	SW	SWN 41-5-B	10/05/84	Repaired valve.
15914	SW	SWN 44-5-A	10/05/84	Repaired valve.
15915	SW	SWN 44-5-B	10/01/84	Repaired valve.
15916	SW	SWN 44-2-A	10/05/84	Repaired valve.
15917	SW	SWN 44-2-B	10/05/84	Repaired valve.
15918	SW	SWN 41-4-A	10/05/84	Removed and re-installed valve
15919	SW	SWN 44-4-A	10/05/84	Repaired valve.
15920	SW	SWN 41-3-A	10/05/84	Repaired valve and re-installed.
15921	SW	SWN 44-3-A	10/05/84	Repaired valve.
15927	SW	SWN 44-1-A	10/05/84	Repaired valve and re-installed.
15928	SW	SWN 41-2-A	10/05/84	Valve was removed, repaired and replaced.
15929	SW	SWN 41-2-B	10/05/84	Repaired valve.

John D. O'Toole  
Vice President

Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, NY 10003  
Telephone (212) 460-2533

December 15, 1984

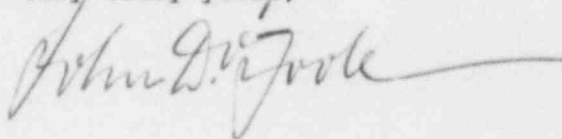
Re: Indian Point Unit No. 2  
Docket No. 50-247

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:

Forwarded herewith are two copies of the Monthly Operating Report for  
Indian Point Unit No. 2 for the month of November 1984.

Very truly yours,



Encl.

cc: Mr. Richard DeYoung, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. Thomas E. Murley, Regional Administrator  
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