

OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 2-5-86  
 COMPLETED BY K. Krieger  
 TELEPHONE 914 526-5155

OPERATING STATUS

1. Unit Name: Indian Point UNIT No. 2  
 2. Reporting Period: January 1986  
 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): -  
 10. Reasons For Restrictions, If Any: -

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	101593
12. Number Of Hours Reactor Was Critical	300.55	300.55	69470.41
13. Reactor Reserve Shutdown Hours	0	0	3398.37
14. Hours Generator On-Line	295.13	295.13	67431.81
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	799337	799337	175625634
17. Gross Electrical Energy Generated (MWH)	252760	252760	54502236
18. Net Electrical Energy Generated (MWH)	241095	241095	52020081
19. Unit Service Factor	39.7	39.7	66.4
20. Unit Availability Factor	39.7	39.7	66.4
21. Unit Capacity Factor (Using MDC Net)	37.5	37.5	59.6
22. Unit Capacity Factor (Using DER Net)	37.1	37.1	58.7
23. Unit Forced Outage Rate	4.3	4.3	8.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Cycle 7/8 refueling and maintenance outage in Progress.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Marbh 13, 1986

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
 UNIT I.P. Unit 2  
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 TELEPHONE 914-526-5155

MONTH January 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	160
2	820
3	849
4	838
5	849
6	848
7	849
8	848
9	846
10	847
11	848
12	845
13	704
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	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

**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 January 1986

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 UNIT NAME I.P. Unit 2  
 DATE 2-5-86  
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 TELEPHONE (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
13	851231	F	13.33	A	3	85-017	CJ	Valve A	Papid rate of change of pressurizer pressure.
1	860113	S	435.54	C	3	86-001	CH	Pumpxx B	21 MBFP tripped which began cycle 7/8 refueling outage.

<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

### January 1986

Unit No. 2 returned to full power operation on January 2 following a reactor trip on December 31, 1985. With the exception of two brief load reductions to approximately 93% reactor power due to turbine runbacks, the Unit operated at essentially full power until January 13.

On January 13, a reactor trip occurred as a result of the loss of No. 21 main boiler feedwater pump. Since the Unit was scheduled to start a refueling and maintenance outage the following day, it was decided to start the outage one day earlier than planned.

At the end of the month, unloading of the reactor core had been completed and change out of the fuel assembly "inserts" in the fuel storage pool was underway.

Major Safety Relative Corrective Maintenance

WORK ORDER #	SYSTEM	COMPONENT	DATE	WORK PERFORMED
84-16154	ELEC	BFD RELAYS	1/30/86	REPLACE RELAYS
84-16156				
84-16394				
84-16396				

John D. O'Toole  
Vice President

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

February 18, 1986

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

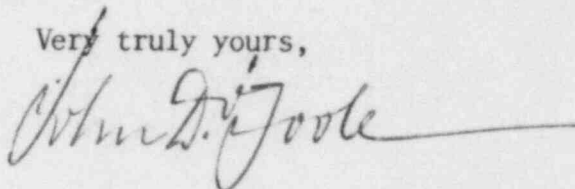
Mr. James M. Taylor, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

ATTN: Document Control Desk

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of January 1986.

Very truly yours,



encl.

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

Senior Resident Inspector  
U. S. Nuclear Regulatory Commission  
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