

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 1-6-86
 COMPLETED BY K. Krieger
 TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: December 1985
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

NONE

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	<u>744</u>	<u>8760</u>	<u>100849</u>
12. Number Of Hours Reactor Was Critical	<u>716.78</u>	<u>8504.14</u>	<u>69169.86</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>152.67</u>	<u>3398.37</u>
14. Hours Generator On-Line	<u>708.87</u>	<u>8386.30</u>	<u>67136.68</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1940952</u>	<u>22121952</u>	<u>174826297</u>
17. Gross Electrical Energy Generated (MWH)	<u>609750</u>	<u>6931860</u>	<u>54249476</u>
18. Net Electrical Energy Generated (MWH)	<u>587441</u>	<u>6665079</u>	<u>51778986</u>
19. Unit Service Factor	<u>95.3</u>	<u>95.7</u>	<u>66.6</u>
20. Unit Availability Factor	<u>95.3</u>	<u>95.7</u>	<u>66.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.4</u>	<u>88.8</u>	<u>59.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.4</u>	<u>87.2</u>	<u>58.8</u>
23. Unit Forced Outage Rate	<u>4.7</u>	<u>3.5</u>	<u>8.9</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Cycle 7/8 refueling and maintenance outage, scheduled for 1-15-86 and of a 60 day duration.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 1-1-86

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

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

~~_____~~ N/A ~~_____~~
~~_____~~
~~_____~~

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(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT IP Unit #2
DATE 1-6-86
COMPLETED BY K. Krieger
TELEPHONE 914(526-5155)

MONTH December 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>842</u>	17	<u>829</u>
2	<u>839</u>	18	<u>828</u>
3	<u>835</u>	19	<u>836</u>
4	<u>846</u>	20	<u>839</u>
5	<u>848</u>	21	<u>833</u>
6	<u>845</u>	22	<u>840</u>
7	<u>848</u>	23	<u>843</u>
8	<u>840</u>	24	<u>839</u>
9	<u>840</u>	25	<u>837</u>
10	<u>840</u>	26	<u>840</u>
11	<u>838</u>	27	<u>842</u>
12	<u>208</u>	28	<u>841</u>
	<u>329</u>	29	<u>842</u>
13	<u>820</u>	30	<u>841</u>
14	<u>824</u>	31	<u>480</u>
15	<u>824</u>		
16	<u>824</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.

SUMMARY OF OPERATING EXPERIENCE

December 1985

Unit No. 2 operated at 100% reactor power throughout the month of December, with the exception of a reactor trip on December 12 and 31. The details of these trips are reported in LER 85-16 and 85-17.

Several performance records were set by the station in 1985.

These Included:

Availability -	95.7%
Capacity Factor -	88.8%
Gross MW-Hrs Generated -	6931860
Forced Outage Rate -	3.5%
Days of Continuous Operation -	156.19

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1985DOCKET NO. 50-247UNIT NAME IP Unit #2DATE 1-6-86COMPLETED BY K. KriegerTELEPHONE 914(526-5155)

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence *
12	851212	F	24.97	A	3	85-016	IA	INSTRUMENT X	No. 21 Reactor Coolant Loop Low Flow Bistable Failure
13	851231	F	10.16	A	3	85-017	CJ	VALVE A	Rapid rate of change of Pressurizer Pressure

¹
F: Forced
S: Scheduled

²
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)

³
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

(9/77)

*See respective LER

John D. O'Toole
Vice President

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

January 15, 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 December 1985.

Very truly yours,

Ch. J. [Signature] for J. O'Toole

Encl.

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

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