

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 10-6-88  
 COMPLETED BY K. Krieger  
 TELEPHONE (914)526-5155

## OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2  
 2. Reporting Period: August 1988  
 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  
 Revised August 1988 Report

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
- -----

9. Power Level To Which Restricted, If Any (Net MWe): -----  
 10. Reasons For Restrictions, If Any: -----  
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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5855	124224
12. Number Of Hours Reactor Was Critical	744	4716.76	85335.93
13. Reactor Reserve Shutdown Hours	0	0	3768.50
14. Hours Generator On-Line	744	4529.69	82926.37
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2004825	12103925	224627204
17. Gross Electrical Energy Generated (MWH)	625704	3918086	67530642
18. Net Electrical Energy Generated (MWH)	601258	3754828	64491743
19. Unit Service Factor	100	77.4	66.8
20. Unit Availability Factor	100	77.4	66.8
21. Unit Capacity Factor (Using MDC Net)	95.2	74.9	60.5
22. Unit Capacity Factor (Using DER Net)	92.6	73.5	59.5
23. Unit Forced Outage Rate	0	1.4	8.2

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

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
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>

8811030118 881015  
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# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 10-6-88  
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 TELEPHONE (914)526-5155

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1. Unit Name: Indian Point Unit No. 2
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5. Design Electrical Rating (Net MWe): 873
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7. Maximum Dependable Capacity (Net MWe): 849

### Notes

Revised July 1988 Report

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

-----  
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9. Power Level To Which Restricted, If Any (Net MWe): -----

10. Reasons For Restrictions, If Any: -----

-----  
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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5111	123480
12. Number Of Hours Reactor Was Critical	336.43	3972.76	84591.93
13. Reactor Reserve Shutdown Hours	0	0	3768.50
14. Hours Generator On-Line	318.92	3785.69	82182.37
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	854192	10099100	222622379
17. Gross Electrical Energy Generated (MWH)	267196	3292382	66904938
18. Net Electrical Energy Generated (MWH)	252206	3153570	63890485
19. Unit Service Factor	42.9	74.1	66.6
20. Unit Availability Factor	42.9	74.1	66.6
21. Unit Capacity Factor (Using MDC Net)	39.9	72.0	60.3
22. Unit Capacity Factor (Using DER Net)	38.8	70.7	59.3
23. Unit Forced Outage Rate	0	1.6	8.3

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

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

N/A

N/A

N/A

N/A

N/A

N/A

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1988  
(Revised)

DOCKET NO. 50-247  
UNIT NAME IP Unit No. 2  
DATE 10-6-88  
COMPLETED BY K. Krieger  
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
6	880707	S	425.08	A	1	-NA-	CH	HTEXCH F	22 Steam Generator Tube Leak.

<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

Stephen B. Bram  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Avenue  
Buchanan, NY 10511  
Telephone (914) 737-8116

September 15, 1988

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

Director, Office of Management  
and Program Analysis  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of July 1988.

Attachment A contains a revised page to the July 1988, Monthly Operating Report.

Very truly yours,



Enclosure

cc: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

Mr. William Russell  
Regional Administrator - Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 38  
Buchanan, NY 10511

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# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 9/9/88  
 COMPLETED BY K. Krieger  
 TELEPHONE (914) 526-5155

## OPERATING STATUS

1. Unit Name: Indian Point Station
2. Reporting Period: August 1988
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
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	5855	124224
12. Number Of Hours Reactor Was Critical	744	4176.76	85335.93
13. Reactor Reserve Shutdown Hours	0	0	3768.50
14. Hours Generator On-Line	744	4529.69	82926.37
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2004825	3103925	224627204
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21. Unit Capacity Factor (Using MDC Net)	95.2	74.9	60.5
22. Unit Capacity Factor (Using DER Net)	92.6	73.5	59.5
23. Unit Forced Outage Rate	0	9.7	8.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

N/A

N/A

N/A

N/A

N/A

N/A

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
 UNIT IP Unit #2  
 DATE 9/9/88  
 COMPLETED BY K. Krieger  
 TELEPHONE (914) 526-5155

MONTH August 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>834</u>
2	<u>830</u>
3	<u>787</u>
4	<u>500</u>
5	<u>482</u>
6	<u>820</u>
7	<u>816</u>
8	<u>832</u>
9	<u>810</u>
10	<u>830</u>
11	<u>830</u>
12	<u>833</u>
13	<u>827</u>
14	<u>829</u>
15	<u>826</u>
16	<u>829</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>823</u>
18	<u>829</u>
19	<u>835</u>
20	<u>839</u>
21	<u>827</u>
22	<u>831</u>
23	<u>840</u>
24	<u>840</u>
25	<u>840</u>
26	<u>839</u>
27	<u>846</u>
28	<u>844</u>
29	<u>835</u>
30	<u>835</u>
31	<u>835</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 August 1988

DOCKET NO. 50-247  
 UNIT NAME TP Unit #2  
 DATE 9/9/88  
 COMPLETED BY K. Krieger  
 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
N/A	880803	F	-----	D	N/A	88-10	N/A	N/A	Reduced load due to Tech Spec High River Water Inlet Temperature.

1  
 F: Forced  
 S: Scheduled

2  
 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)

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

### Summary of Operating Experience

#### August 1988

The unit was maintained at 100% reactor power for the month of August, except for the following reductions in power.

On August 3, power was reduced to 73% when the measured inlet temperature to the service water exceeded the limit of 85 degrees specified in the unit Technical Specifications. Power was further reduced to 65% on August 4, due to continued high river water temperatures. On August 5, after NRC waiver was received to operate at 87°F Technical Specification limit on river water temperature, power ascension to 100% commenced. 100% power was achieved on August 6, at 0200.

The unit was maintained at 100% reactor power for the remainder of the month, with the exception of a brief power reduction on August 27, to conduct a periodic turbine stop valve test.



Attachment A

Monthly Operating Report for July 1988

Consolidated Edison Company of New York, Inc.  
Indian Point Unit No. 2  
Docket No. 50-247  
September 13, 1988

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1988

(REVISED)

DOCKET NO. 50-247  
 UNIT NAME IP Unit No. 2  
 DATE 8/9/88  
 COMPLETED BY K. Krieger  
 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
6	880707	F	42508	A	1	- NA -	CH	HTEXCHF	22 Steam Generator Tube Leak

<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.  
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<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