

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 9-4-85  
 COMPLETED BY J. Spivak  
 TELEPHONE 914-526-5130

## OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: August 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): 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  
None  
None

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	<u>744</u>	<u>5831</u>	<u>97920</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>5762.45</u>	<u>66428.17</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>28.74</u>	<u>3274.44</u>
14. Hours Generator On-Line	<u>744</u>	<u>5690.28</u>	<u>64440.66</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1956972</u>	<u>15391925</u>	<u>168096300</u>
17. Gross Electrical Energy Generated (MWH)	<u>605180</u>	<u>4858740</u>	<u>52176356</u>
18. Net Electrical Energy Generated (MWH)	<u>580160</u>	<u>4678872</u>	<u>49792779</u>
19. Unit Service Factor	<u>100</u>	<u>97.6</u>	<u>65.8</u>
20. Unit Availability Factor	<u>100</u>	<u>97.6</u>	<u>65.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.8</u>	<u>93.7</u>	<u>59.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>89.3</u>	<u>91.9</u>	<u>58.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.4</u>	<u>9.1</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. Duration:  
60 Days

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

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
UNIT I.P. Unit #2  
DATE 9-4-85  
COMPLETED BY J. Spivak  
TELEPHONE 914-526-5130

MONTH AUGUST

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>746</u>	17	<u>766</u>
2	<u>736</u>	18	<u>827</u>
3	<u>576</u>	19	<u>787</u>
4	<u>791</u>	20	<u>823</u>
5	<u>797</u>	21	<u>574</u>
6	<u>773</u>	22	<u>601</u>
7	<u>825</u>	23	<u>825</u>
8	<u>827</u>	24	<u>767</u>
9	<u>826</u>	25	<u>750</u>
10	<u>826</u>	26	<u>823</u>
11	<u>798</u>	27	<u>805</u>
12	<u>820</u>	28	<u>824</u>
13	<u>817</u>	29	<u>806</u>
14	<u>791</u>	30	<u>828</u>
15	<u>785</u>	31	<u>828</u>
16	<u>805</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.

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST

DOCKET NO. 50-247  
 UNIT NAME TP #2  
 DATE 9-4-85  
 COMPLETED BY J. Spivak  
 TELEPHONE 914-526-5130

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	850803	S	14.09	B	N/A	—	CH	Valve XF	Turbine Stop Valve Testing
N/A	850821	F	5.04	A	N/A	—	RB	ConRod	Blown fuses caused dropped rod which initiated turbine runback

<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

(9/77)

## Summary of Operating Experience

The unit operated at full power for most of the report period. During the period, several deratings and associated power reductions occurred due to condenser tube leaks; these deratings averaged 87 Mwe.

Load was reduced twice during the month on August 19 and 24, due to fluctuations in the turbine control valves.

On August 14, the station set a record of 119 days of continuous operation, breaking its 1978 record of 118 days. During the 119 day period ending August 14, the plant generated 2,406,367,000 kilowatt-hours of electricity and operated at a capacity factor of 95.5%, compared with 2,227,447,000 kilowatt-hours and 90.8% in the 1978 record period.

On August 15, the station set a site record for continuous operation - 120 days. The previous record of 119 days was set by the New York Power Authority's Indian Point 3 in 1979.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE  
AUGUST 1985

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATED</u>	<u>WORK PERFORMED</u>
22421	HVAC	Control Rod Drive Fan #24	8/29/85	Replaced Fan Motor
23192	SIS	Pressure Trans- mitter PT-3300 and PT-3301	8/29/85	Recalibrated Transmitters

John D. O'Toole

September 17, 1985

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

Mr. James M. Taylor, Director  
Office of Inspection and Enforcement  
c/o Distribution Services Branch, DDC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Taylor:

Enclosed you will find two copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of August 1985.

Very truly yours,

*John D. O'Toole*

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  
P. O. Box 38  
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