

**OPERATING DATA REPORT**

DOCKET NO. 50-247  
 DATE 10-8-80  
 COMPLETED BY E. Eich  
 TELEPHONE 914-694-6000  
 Ext. 231 @ I.P.

**OPERATING STATUS**

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: September, 1980
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**  
 No outages during report period. Significant events covered in Operating Summary.

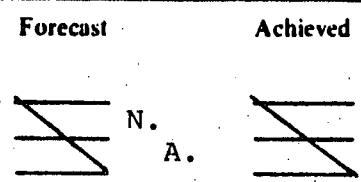
9. Power Level To Which Restricted, If Any (Net MWe): 824
10. Reasons For Restrictions, If Any: Removal of the No. 3 Disc. (Generator End) on No. 23 Low Pressure Turbine Rotor.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6 575	54 816
12. Number Of Hours Reactor Was Critical	720	5 474.93	37 769.36
13. Reactor Reserve Shutdown Hours	0	883.55	1 125.04
14. Hours Generator On-Line	720	5 302.90	36 692.08
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1 851 522	13 909 696	94 742 222
17. Gross Electrical Energy Generated (MWH)	537 930	4 168 590	29 301 676
18. Net Electrical Energy Generated (MWH)	513 940	3 974 335	27 939 435
19. Unit Service Factor	100.0	80.7	66.9
20. Unit Availability Factor	100.0	80.7	66.9
21. Unit Capacity Factor (Using MDC Net)	84.1	70.7	59.2
22. Unit Capacity Factor (Using DER Net)	81.8	69.2	58.4
23. Unit Forced Outage Rate	0	9.4	8.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Cycle 4/5 Refueling Outage scheduled to commence 12/31/80.  
A three month outage is projected.

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



**BD10280 395**

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-247

UNIT Indian Point  
~~Unit No. 2~~

DATE 10-8-80

COMPLETED BY E. Eich

TELEPHONE 914-694-6000  
Ext. 231 @ I.P.

MONTH September, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	711
2	696
3	707
4	678
5	562
6	714
7	709
8	661
9	701
10	751
11	760
12	767
13	757
14	763
15	758
16	690

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	343
18	747
19	722
20	470
21	685
22	789
23	787
24	779
25	785
26	785
27	786
28	781
29	787
30	785
31	-

**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 September, 1980

DOCKET NO. 50-247  
 UNIT NAME I.P. Unit No. 2  
 DATE 10-8-80  
 COMPLETED BY E. Eich  
 TELEPHONE 914-694-6000  
 Ext. 231 @ I.P.

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	9-17-80	F	0	A	4	N/A	HC	HTEXCH D	Both condensers serving No. 21 LP Turbine out of service due to tube leaks in 21 B condenser and repairs to CWP associated with 21 A condenser.
N/A	9-20-80	S	0	A	4	N/A	CH	PUMPXX B	No. 22 Main Boiler Feed Pump Seal Water Line Repair.

<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

Indian Point Station

Docket No.	50-247
Unit	Unit No. 2
Date	October 7, 1980
Completed By	J. Makepeace
Telephone	914- 739-8823

Summary of Operating Experience September, 1980

Restricted operation of Unit No. 2 and the Power Authority's Unit No. 3 due to high river water ambient temperatures ended on September 10 when Unit No. 3 was removed from service following failure of their unit auxiliary transformer. When Unit No. 3 was returned to service on September 12, river water ambient temperatures had decreased to a point where the temperature in the common discharge canal no longer required restricted operation of either unit.

During the report period, detection of above normal condenser hotwell chloride levels on several occasions prompted brief condenser outages for repairs. No. 21 condenser was returned to service on September 21 following an outage of approximately four weeks for repairs of it's associated circulating water pump.

The first shipment of Region 7 LOPAR fuel arrived at the site on Wednesday, September 17. During the upcoming refueling outage, seventy-two (72) HIPAR spent fuel assemblies will be removed from the reactor core and replaced with seventy-two (72) LOPAR assemblies.

With the exception of brief load reductions on September 4 and September 16 for repairs to a leak on the seal water line on No. 22 main boiler feedwater pump, the Unit operated at or near full power throughout the report period.

Unit No. 2Mechanical and Electrical Maintenance

<u>Date</u>	<u>Component</u>	<u>MWR #</u>	<u>Malfunction</u>	<u>Corrective Action</u>
08-05-80	No. 21 Instrument Air Compressor	2C22159	Compressor Knock	Adjusted discharge valves and replaced gaskets
08-07-80	No. 22 Instrument Air Compressor	2C22171	Controls not working properly	Cleaned air regulator
08-20-80	No. 22 Emergency Diesel Generator	2C22213	Governor out of adjustment	Adjusted linkage
08-21-80	Instrument Air Regenerant Dryer	2C22198	Plug valves leaking	Adjusted valve plugs
08-21-80	Non-Regenerative Heat Exchanger	2N22209	Gasket leak	Adjusted head joint bolts

Indian Point Station

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Unit No. 2

Instrumentation and Control Repair

<u>Date</u>	<u>Component</u>	<u>MWR #</u>	<u>Malfunction</u>	<u>Corrective Action</u>
08-12-80	No. 21 Diesel Generator	2C22187	Fuel Oil Indicating Lights Not Working	Replaced Fuse

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