

**OPERATING DATA REPORT**

DOCKET NO. 50-247  
 DATE 1-12-81  
 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: December, 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): 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 Unit No. 2 remains in the CSD condition for the refueling/maintenance outage and installation of certain TMI required plant modifications.

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9. Power Level To Which Restricted, If Any (Net MWe): 839
  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	744	8 784	57 025
12. Number Of Hours Reactor Was Critical	0	5 869.48	38 163.91
13. Reactor Reserve Shutdown Hours	0	1 231.30	1 472.79
14. Hours Generator On-Line	0	5 691.20	37 080.38
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	14 975 902	95 808 428
17. Gross Electrical Energy Generated (MWH)	0	4 486 960	29 620 046
18. Net Electrical Energy Generated (MWH)	-2 008	4 264 224	28 229 324
19. Unit Service Factor	0	64.8	65.0
20. Unit Availability Factor	0	64.8	65.0
21. Unit Capacity Factor (Using MDC Net)	0	56.7	57.5
22. Unit Capacity Factor (Using DER Net)	0	55.6	56.7
23. Unit Forced Outage Rate	0	15.3	9.0

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 4-15-81

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

	Forecast	Achieved
INITIAL CRITICALITY	<del>_____</del>	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	<del>_____</del>

8102040457

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
UNIT Indian Point  
Unit No. 2  
DATE 1-12-81

COMPLETED BY E. Eich  
TELEPHONE (914)694-6000  
Ext. 231 @ I.P.

MONTH December, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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 December, 1980

DOCKET NO. 50-247  
 UNIT NAME I.P. Unit No. 2  
 DATE 1-12-81  
 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
14	11-6-80	S	744	C	4	N/A	XX	XXXXXX	Refueling and maintenance outage continues.

<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)**

(9/77)

<sup>5</sup>  
**Exhibit I - Same Source**

Indian Point Station

Docket No.	50-247
Unit	Unit No. 2
Date	January 12, 1981
Completed By	J. Makepeace
Telephone	914-739-8823

Summary of Operating Experience - December 1980

Unit No. 2 remained in the cold shutdown condition throughout the report period for the refueling/maintenance outage. Items of general interest occurring during the month were as follows:

1. Sludge lancing of the secondary side of all four steam generators tube sheets was completed.
2. Eddy current testing and profilometry inspection of steam generator tubes was performed. A special report detailing the results of these inspections will be forwarded to the Commission.
3. A minor modification was made to the top nozzle of the new LOPAR Region 7 fuel assemblies to preclude the possibility of the hold down spring tangs coming out of their guide slots under partial loading conditions.
4. Two new Cf-252 primary sources were purchased and installed to insure sufficient count rate during startup activities at the end of the present outage.
5. Following removal of the reactor vessel head and upper internals package, refueling activities were commenced at approximately 12:30 p.m. on December 30.
6. All of the cooling coils associated with the containment fan coolers units were removed and preparations for installation of the replacement coils are underway.
7. Inspection of the three low pressure turbine rotors was completed. No significant problem areas were identified.
8. No. 23 low pressure turbine rotor was upended and all of the discs removed in preparation for the planned restacking.

Unit No. 2Mechanical and Electrical Maintenance

<u>Date</u>	<u>Component</u>	<u>MWR #</u>	<u>Malfunction</u>	<u>Corrective Action</u>
11-03-80	Valve LCV 1164	2N5 3013	Air Supply Regulator Defective	Replaced Regulator
11-06-80	Service Water Pump No. 22	2C5 2969	Discharge Valve Not Operating Properly	Replaced Valve
11-06-80	Service Water Pump No. 22	2C5 3100	Packing Leak	Repacked Pump
11-14-80	Fan Cooler Unit No. 25	2N5 3161	Borescope Plug Leak	Repaired Using EPI-Seal Process
11-14-80	Fan Cooler Unit No. 25	2N5 3162	Coil Leaks	Repaired Using EPI-Seal Process
11-16-80	Diesel Generator No. 21	2C2 2905	Jacket Water Cooler Tube Leaks	Plugged Tubes

Indian Point Station

Docket No. 50-247

Unit No. 2Instrumentation and Control Repair

<u>Date</u>	<u>Component</u>	<u>MWR #</u>	<u>Malfunction</u>	<u>Corrective Action</u>
12-01-80	RCS Level Indicator	2N53248	Reading Higher Than Actual	Vented Transmitter
12-01-80	River Water Temperature Recorder	2C53249	Probe Defective	Replaced Probe
12-04-80	NIS Ch. No. 31	2N53270	Reading Higher Than Actual	Replaced Detector Nos. 31 and 35
12-05-80	RWST Level Alarm	2N23287	Bistable Zener Diode Failed	Replaced Diode
12-09-80	Condensate Storage Tank Level	2C53097	LT-1128A Reading Lower Than Actual	Recalibrated
12-18-80	Rod Control Switch	2C53372	Operate Arm Loose	Tighten Arm

Indian Point Station

Docket No. 50-247