

OPERATING DATA REPORT

POCKET NO. 50-247
 DATE 1-4-83
 COMPLETED BY E. Eich
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: December 1982
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 Initial criticality for Cycle 6 was achieved on December 29, 1982. At the end of the report period, preparations for returning the Unit to service were underway.

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	<u>744</u>	<u>8760</u>	<u>74545</u>
12. Number Of Hours Reactor Was Critical	<u>62.50</u>	<u>5836.15</u>	<u>48157.68</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>51.08</u>	<u>1578.51</u>
14. Hours Generator On-Line	<u>0</u>	<u>5728.30</u>	<u>46839.30</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>15122101</u>	<u>121436676</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>4663410</u>	<u>37502726</u>
18. Net Electrical Energy Generated (MWH)	<u>-7434</u>	<u>4447401</u>	<u>35732057</u>
19. Unit Service Factor	<u>0</u>	<u>65.4</u>	<u>62.8</u>
20. Unit Availability Factor	<u>0</u>	<u>65.4</u>	<u>62.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>59.3</u>	<u>55.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>58.2</u>	<u>54.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>7.3</u>	<u>9.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit presently shutdown for refueling and maintenance.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 1-2-83
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved
 N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT I.P. Unit No. 2
 DATE 1-4-83
 COMPLETED BY E. F. Eich
 TELEPHONE (914) 526-5155

MONTH December 1982

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 1982DOCKET NO. 50-247UNIT NAME I.P. Unit #2DATE 1/4/83COMPLETED BY E. F. EichTELEPHONE (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
8	820918	8	744	C	1	N/A	ZZ	ZZZZZZ	Refueling and Maintenance Outage continued from September.

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

SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247
Date: 1/6/83
Completed by: J. Curry
Telephone No. (914) 526-5235

At the beginning of the December report period, India Point Unit No. 2 was in the cold shutdown condition for the Cycle 5/6 refueling and maintenance outage.

The following significant outage tasks were addressed during the period.

- o Tensioning of the reactor vessel studs was completed on December 5.
- o The connection of the piping to the new moisture separator reheater tube bundles was completed. Reassembly of the high and low pressure turbines and connection of associated piping were completed.
- o The containment equipment hatch was reinstalled. Calibration and the placing into service of the new digital metal impact monitoring system were completed.
- o Modification of the reactor vessel head vent was completed.
- o Prerequisites for leaving the cold shutdown condition were completed. A successful reactor coolant system hydrostatic test (performed at 340°F and 2385 psig) was completed on December 22.
- o Control rod drop tests and a control rod position indication system calibration were performed.
- o Steam generator secondary safety valve settings were verified.
- o On December 29, the containment building was closed and control rods withdrawn to their "full out" position. Boron dilution to critical conditions was completed December 29 with a measured boron concentration of 1398 ppm.
- o The low power physics test program was completed on December 30.

At the close of the report period, steam was introduced to the secondary side and the turbine rolled in preparation for returning Unit 2 to service.

Docket No. 50-247
Date 1/11/83
Completed by J. Bahr
December, 1982

Mechanical and Electrical Maintenance

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
7/18/82	Feedwater Control Valves FCV-437, 427	3386 & 3387	Nos. 23 and 22 Feedwater Reg- ulating Valves activator failure	Replace failed activator bolting
7/23/82	No. 21 Diesel Generator	3221	Low fuel oil pressure on No. 21 Diesel Generator	Regulator adjusted
8/12/82	No. 24 Service Water Pump	3815	Pump failed surveillance test	New pump installed
8/14/82	No. 26 Fan Cooler Unit Motor Cooler	4107	0.3GPM leak on hose to motor cooler	Two hoses replaced
8/6/82	No. 22 Charging Pump	3803	Head flange gasket leak on No. 4 piston from motor	Replaced No. 4 cylinder cover gasket
8/11/82	No. 22 Auxiliary Boiler Feed Pump	3960	Leak in cooling line	Tightened loose fitting
8/15/82	Nos. 25 and 23 Fan Cooler Units Motor Coolers	4153 and 4154	Leak in hoses to motor coolers	Hoses replaced