

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 9/7/82
 COMPLETED BY E. Eich
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: August 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): 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	<u>744</u>	<u>5831</u>	<u>71616</u>
12. Number Of Hours Reactor Was Critical	<u>676.78</u>	<u>5496.73</u>	<u>47818.26</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>51.08</u>	<u>1578.51</u>
14. Hours Generator On-Line	<u>673.93</u>	<u>5457.27</u>	<u>46568.27</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1639064</u>	<u>14504608</u>	<u>120819183</u>
17. Gross Electrical Energy Generated (MWH)	<u>469830</u>	<u>4482800</u>	<u>37322116</u>
18. Net Electrical Energy Generated (MWH)	<u>446682</u>	<u>4294567</u>	<u>35579223</u>
19. Unit Service Factor	<u>90.6</u>	<u>93.6</u>	<u>65.0</u>
20. Unit Availability Factor	<u>90.6</u>	<u>93.6</u>	<u>65.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>70.7</u>	<u>86.0</u>	<u>57.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>68.8</u>	<u>84.4</u>	<u>56.9</u>
23. Unit Forced Outage Rate	<u>1.9</u>	<u>5.5</u>	<u>9.7</u>

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

Refueling Outage - Sept. 1982 - Approximately 3 Months.

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

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

Forecast

Achieved

INITIAL CRITICALLY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

N/A

8211020362 820915
 PDR ADDCK 05000247
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT Indian Point Unit #2
 DATE 9/7/82
 COMPLETED BY E. Eich
 TELEPHONE 914-526-5155

MONTH AUGUST 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>802</u>
2	<u>802</u>
3	<u>801</u>
4	<u>779</u>
5	<u>768</u>
6	<u>751</u>
7	<u>737</u>
8	<u>723</u>
9	<u>696</u>
10	<u>691</u>
11	<u>653</u>
12	<u>600</u>
13	<u>0</u>
14	<u>0</u>
15	<u>4</u>
16	<u>531</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>607</u>
18	<u>614</u>
19	<u>630</u>
20	<u>620</u>
21	<u>628</u>
22	<u>630</u>
23	<u>627</u>
24	<u>630</u>
25	<u>628</u>
26	<u>628</u>
27	<u>628</u>
28	<u>626</u>
29	<u>591</u>
30	<u>615</u>
31	<u>625</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

DOCKET NO. 50-247

UNIT NAME Indian Point Unit 2DATE 9/7/82COMPLETED BY E. EichTELEPHONE 914-526-5155REPORT MONTH August 1982

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
6	8/12/82	F	13.38	A	1	NONE	CB	Instru	22 RCP Seal Return High Flow Faulty Flow Transmitter
N/A	8/13/82	S	56.68	B	4	82-031-99X	SB	HTEXCH. C	Unit shutdown extended for Fan Cooler Unit Repairs.

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 (LIR) File (NURIG-0161)

5
Exhibit I - Same Source

(9/77)

SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247

Date: 9/13/82

Completed by: J. Curry

Telephone: (914) 526-5235

Indian Point Unit 2 began the month at 100% power. On August 3, a planned gradual load reduction to 75% power was initiated by maintenance of constant boron concentration in preparation for the Cycle 5/6 refueling outage.

Unit 2 was manually tripped on August 13 when instrumentation on No. 22 reactor coolant pump indicated possible failure of the No. 1 seal. An inspection revealed the seals and pump were operable and, after consultation with the vendor, the pump was returned to service. While the unit was at hot shutdown, five motor cooler hoses on the No. 23 and No. 25 fan cooler units were replaced. These hoses had developed pin hole leaks. Unit 2 was returned to service on August 15 and power was gradually increased to 85% power.

A controlled shutdown at 50 Mw/hr was initiated on August 17 after No. 2 blowdown isolation valve from the No. 22 steam generator failed closed. The malfunction was caused by failure of the solenoid valve actuator. Normal operations resumed that evening when repairs to the solenoid valve were completed.

The Unit remained at 85% power until August 29 when a 150 Mwe reduction was caused by loss of detector voltage on Power Range Channel No. 41 of the Nuclear Instrumentation System. The malfunction was located in the power supply to the channel. A new power supply was installed and power returned to 85% which was maintained for the remainder of the month.

New fuel for Cycle 6 was received at the site during the month and placed in storage in the fuel storage building. Installation of new high density fuel storage racks was completed during the report period.