

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 8/5/82
 COMPLETED BY E. F. Eich
 TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: INDIAN POINT UNIT NO. 2
2. Reporting Period: JULY 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>5087</u>	<u>70872</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>4819.95</u>	<u>47141.48</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>51.08</u>	<u>1578.51</u>
14. Hours Generator On-Line	<u>744</u>	<u>4783.34</u>	<u>45894.34</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2019223</u>	<u>12865544</u>	<u>119180119</u>
17. Gross Electrical Energy Generated (MWH)	<u>615040</u>	<u>4012970</u>	<u>36852286</u>
18. Net Electrical Energy Generated (MWH)	<u>590358</u>	<u>3847885</u>	<u>35132541</u>
19. Unit Service Factor	<u>100</u>	<u>94.0</u>	<u>64.8</u>
20. Unit Availability Factor	<u>100</u>	<u>94.0</u>	<u>64.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.5</u>	<u>88.3</u>	<u>57.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.9</u>	<u>86.6</u>	<u>56.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>6.0</u>	<u>9.8</u>



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

Refueling Outage - September 1982

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 CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

 N.A. 

8208240252

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 8/5/82

COMPLETED BY E. F. Eich

TELEPHONE 914-526-5152

MONTH JULY 1982

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>819</u>
2	<u>822</u>
3	<u>822</u>
4	<u>823</u>
5	<u>820</u>
6	<u>823</u>
7	<u>819</u>
8	<u>817</u>
9	<u>819</u>
10	<u>820</u>
11	<u>815</u>
12	<u>805</u>
13	<u>820</u>
14	<u>813</u>
15	<u>817</u>
16	<u>833</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>666</u>
18	<u>385</u>
19	<u>802</u>
20	<u>807</u>
21	<u>806</u>
22	<u>809</u>
23	<u>808</u>
24	<u>804</u>
25	<u>804</u>
26	<u>804</u>
27	<u>804</u>
28	<u>798</u>
29	<u>796</u>
30	<u>796</u>
31	<u>801</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.

(9/7/82)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY 1982

DOCKET NO. 50-247
 UNIT NAME F.P. Unit 2
 DATE 8/5/82
 COMPLETED BY E. F. Eich
 TELEPHONE 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
N/ A	7/17/82 + 7/18/82	F	0	A	4	None	CH	Valvex F	Unit Load Reduction to repair #23 feedwater regulating valve.

¹
 F: Forced
 S: Scheduled

(9/77)

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 (L E R) File (N U R I G-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247

Date: 8/11/82

Completed by: J. Curry

Telephone: (914) 526-5235

Indian Point Unit 2 operated at 100% power from the beginning of the month through July 16. On July 17, an investigation of oscillations in No. 23 Steam Generator level identified two sheared bolts in the associated main feedwater regulating valve operator. Unit load was reduced to approximately 20% power to permit utilization of the low flow feedwater regulator while the operator for the main feedwater regulating valve was replaced. Although not damaged, the operator for Valve No. 22 was also replaced as a precaution. The valve operators for Valve Nos. 21 and 24 were replaced earlier this cycle.

Following replacement of the feedwater regulating valve operator for Nos. 22 and 23 Steam Generators, the Unit was returned to 100% power and operated at this level for the remainder of the month.

DOCKET NO. 50-247

Date: 8/11/82

Completed by: J. Bahr

July, 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>
7/7/82	Flow Transmitter FT 436	2023239	Channel 3, Loop 23 Reactor Coolant Flow Failed Low.	Replaced Defective P Supply.
7/8/82	480 Volt Panel Circuit Breaker Fire Protection Alarm Panel-CCR	2023266	Trouble Alarm On	Maintenance Replaced Defective Circuit Breaker.
7/15/82	Reactor Protection Relay RT 8	2023346	NBFD Relay Coil Found Open Circuited.	Replaced Relay.