OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 11-9-81
COMPLETED BY E. F. Eich
TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: Indian Point Sta. Unit No. 2
2. Reporting Period: October, 1981
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:
   Winter Ratings (Items 5 & 6)

Notes: NONE

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7 296	64 321
12. Number Of Hours Reactor Was Critical	495.47	2 980.67	41 144.58
13. Reactor Reserve Shutdown Hours	0	54.64	1 527.43
14. Hours Generator On-Line	489.93	2 859.85	39 940.23
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1 341 151	7 321 767	103 130 195
17. Gross Electrical Energy Generated (MWH)	424 930	2 195 840	31 815 886
18. Net Electrical Energy Generated (MWH)	406 008	2 074 521	30 303 845
19. Unit Service Factor	65.8	39.2	62.1
20. Unit Availability Factor	65.8	39.2	62.1
21. Unit Capacity Factor (Using MDC Net)	63.9	33.3	54.8
22. Unit Capacity Factor (Using DER Net)	62.4	32.6	54.0
23. Unit Forced Outage Rate	0	19.7	9.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    None

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

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY	N.	
COMMERCIAL OPERATION	A.	

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT Indian Point Unit No. 2
DATE 11-9-81
COMPLETED BY E. F. Eich
TELEPHONE 915-526-5155

MONTH October, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	833	17	839
2	835	18	847
3	846	19	851
4	835	20	851
5	456	21	850
6	0	22	849
7	0	23	848
8	0	24	842
9	0	25	850
10	0	26	846
11	0	27	844
12	0	28	845
13	0	29	847
14	0	30	845
15	0	31	849
16	476		

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 No. 2
DATE 11-9-81
COMPLETED BY E. F. Eich
TELEPHONE 914-526-5155

REPORT MONTH October, 1981

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
11	10-5-81	S	255.07	B	1	N/A	CE	Valvex F	Repair leak on body to bonnet flange joint of pressurizer spray control valve no. 455A.

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

(9/77)

SUMMARY OF OPERATING EXPERIENCE

October, 1981

Docket No. 50-247

Date 11-9-81

Completed by J. Curry

Telephone (914) 526-5235

October started with Indian Point Unit No. 2 operating at 100% reactor power. The unit was removed from service at 3:05 p.m. on Monday, October 5 to determine the cause of a body to bonnet flange leak experienced on pressurizer spray control valve no. 455A. The reactor coolant system was brought to the cold shutdown condition, depressurized and partially drained to permit disassembly and inspection of valve no. 455A. After completing repairs to pressurizer spary control valve no. 455A, the reactor coolant system was filled, vented, and brought to the hydrostatic test temperature of approximately 325°F. A successful hydrotest was then conducted at this temperature and the unit was then brought to the hot stand by condition. Unit No. 2 was returned to service at 6:14 a.m. on Friday, October 16, 1981 and the load was brought up to the 100% reactor power level and operated at this power level for the rest of the month of October.

During the latter part of the month, flow bypass was initiated and restrictions were installed in the outlet water boxes of all six main condensers to reduce the volume of river water drawn to the plant, in accordance with the requirements of the Cooling Tower Settlement Agreement.

MECHANICAL AND ELECTRICAL MAINTENANCE

Indian Point Unit No. 2 — October, 1981

Date	Component	MWR	Malfunction	Corrective Action
9/18/81	Boron Injection Tank	2N55528	Level transmitter reads low.	Cleared bellows
9/5/81	Reactor Coolant System Temperature Recorder	2C25041	Out of Calibration	Recalibrated
10/5/81	S.G. Atmospheric Valve	2C25195	Valve Positioner out of Calibration	Recalibrated
9/22/81	Weld Channel High Pressure Annunciator	2N25294	High Alarm Setpoint	Alarm switch reset