OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 2/5/79
COMPLETED BY L. Kawula
TELEPHONE 914-694-6000
Ext. 209 @ I.P

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: January, 1979
3. Licensed Thermal Power (MWt): 2750
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

Notes

Gross and net electrical generation for month was highest since initial Startup.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	40 225
12. Number Of Hours Reactor Was Critical	744	744	26 689.27
13. Reactor Reserve Shutdown Hours	0	0	121.66
14. Hours Generator On-Line	744	744	25 973.00
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2 012 892	2 012 892	66 816 085
17. Gross Electrical Energy Generated (MWH)	645 480	645 480	20 744 916
18. Net Electrical Energy Generated (MWH)	620 341	620 341	19 780 513
19. Unit Service Factor	100.0	100.0	64.6
20. Unit Availability Factor	100.0	100.0	64.6
21. Unit Capacity Factor (Using MDC Net)	96.5	96.5	57.0
22. Unit Capacity Factor (Using DER Net)	95.5	95.5	56.3
23. Unit Forced Outage Rate	0	0	8.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
June, 1979 - Refueling/Maintenance Outage (~12 Weeks)

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	N.A.	
COMMERCIAL OPERATION		

(9/77)

7902210241

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit No. 2

DATE February 5, 1979

COMPLETED BY L. Kawula

TELEPHONE 914-694-6000
Ext. 209 @ I.P.

MONTH January, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	845	17	849
2	847	18	853
3	845	19	843
4	848	20	848
5	841	21	850
6	485	22	843
7	837	23	848
8	842	24	845
9	846	25	846
10	847	26	843
11	847	27	842
12	849	28	842
13	849	29	844
14	846	30	841
15	843	31	842
16	851		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

DOCKET NO. 50-247
UNIT NAME I.P. Unit No. 2
DATE 2-5-79
COMPLETED BY L. Kawula
TELEPHONE 914-694-6000 Ext. 209 @ I.P.

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	790106	S	0	A	N/A	NONE	HH	PumpXX B	Load reduction to repair No. 22 heater drain tank pump mechanical seal and to perform monthly turbine valve exercising test.

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)

Indian Point Station

DOCKET NO. 50-247

UNIT Unit No. 2

DATE February 2, 1979

COMPLETED BY J. Makepeace

TELEPHONE 914-739-8823

Summary of Operating Experience - January, 1979

Unit No. 2 operated at 100% of licensed power (approximately 890 MW) for the entire report period, except for January 6, 1979, when load was reduced to 320 MWe to perform a turbine valve exercising test (PT-M15) and to repair a mechanical seal on No. 22 heater drain pump. Both tasks were completed that same day and the Unit was returned to full power operation.

On January 25, 1979, No. 26B feedwater heater was removed from service due to a suspected tube leak - later confirmed. This action resulted in a slight derating of the Unit from 890 MWe to 885 MWe. Repairs to the feedwater heater were in progress at the end of this report period.

In an effort to inhibit the corrosion of the carbon steel support plates in the steam generators, Westinghouse Electric Corporation has recommended the addition of boron to the secondary side of the steam generators. On January 29, 1979, boron was injected into the steam generators, and is being maintained at approximately 5 - 10 ppm.

Unit No. 2

Mechanical and Electrical Maintenance

Date	Component	MWR #	Malfunction	Corrective Action
12-1-78	80' Air Lock Door	2N57914	Outer door linkage broken.	Repaired cam follower.
12-2-78	SOV-1290	2N58060	Valve inoperable.	Cleaned positioner.
12-2-78	No. 21 Residual Heat Removal Pump	2N58141	Pump seizure.	Pump overhauled.
12-8-78	No. 22 Charging Pump	2N18073	Overhaul required.	Pump overhauled.
12-15-78	No. 23 Emergency Diesel Generator	2C28129	Service Water Header leaks.	Plugged 2 tubes.
12-16-78	No. 22 Charging Pump	2N28192	Pump leakage.	Repacked pump.
12-21-78	Valve 234	2N28244	Valve flanges leak.	Changed gaskets.
12-22-78	No. 22 Charging Pump	2N28250	Seal leakage.	Repacked cylinders.
12-26-78	Valve 956C	2N28188	Limit switch out of adjustment.	Adjusted limit switch.
12-26-78	Valve 956E	2N28189	Limit switch out of adjustment.	Adjusted limit switch.

Indian Point Station

Docket No. 50-247

Unit No. 2

Instrumentation and Control Repair

Date	Component	MWR #	Malfunction	Corrective Action

None for December, 1978.

Indian Point Station

Docket No. 50-247