OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 4-4-80
COMPLETED BY E. Eich
TELEPHONE 914-694-6000
Ext. 231 @ I.P.

OPERATING STATUS

1. Unit Name: Indian Point Station Unit No. 2
2. Reporting Period: March, 1980
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:
   None

Notes
With the exceptions noted in the Operating Summary, operation was routine throughout the month.

9. Power Level To Which Restricted, If Any (Net MWe): 834
10. Reasons For Restrictions, If Any: Removal of the No. 3 disc (generator end) on No. 23 Low Pressure Turbine Rotor.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2 184	50 425
12. Number Of Hours Reactor Was Critical	712.73	1 322.13	33 616.56
13. Reactor Reserve Shutdown Hours	31.27	852.42	1 093.91
14. Hours Generator On-Line	707.42	1 266.64	32 655.82
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1 851 710	3 206 325	84 038 851
17. Gross Electrical Energy Generated (MWH)	566 130	956 450	26 089 536
18. Net Electrical Energy Generated (MWH)	541 795	904 062	24 869 162
19. Unit Service Factor	95.1	58.0	64.8
20. Unit Availability Factor	95.1	58.0	64.8
21. Unit Capacity Factor (Using MDC Net)	84.3	47.9	57.2
22. Unit Capacity Factor (Using DER Net)	83.4	47.4	56.5
23. Unit Forced Outage Rate	4.9	13.5	8.0

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:

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

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT Indian Point Unit No. 2
DATE 4-4-80
COMPLETED BY E. Eich
TELEPHONE 914-694-6000 Ext. 231 @ I.P.

MONTH March, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	823	17	820
2	824	18	566
3	821	19	187
4	824	20	619
5	822	21	821
6	822	22	818
7	823	23	818
8	821	24	826
9	824	25	815
10	819	26	146
11	821	27	57
12	821	28	498
13	821	29	818
14	813	30	811
15	824	31	813
16	820		

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 I.P. Unit No. 2
DATE 4-4-80
COMPLETED BY E. Eich
TELEPHONE 914-694-6000
Ext. 231 @ I.P.

REPORT MONTH March, 1980

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	3-18-80	F	0	A	4	N/A	CH	VALVEX C	Load Reduction caused by 22 Feedwater Regulator.
N/A	3-19-80	F	0	A	4	N/A	CH	VALVEX C	Load Reduction caused by 22 Feedwater Regulator.
6	3-26-80	F	36.58	A	3	N/A	HJ	HTEXCH F	No. 22 S/G Low Level*
N/A	3-27-80	F	0	A	4	N/A	CH	PUMPXX B	Load Reduction to Repair 21 Main Boiler Feed Pump.
									*Initiating event was a parted control air line to HDT dump valve to No. 23 condenser.

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

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Indian Point Station

Docket No.	50-247
Unit	Unit No. 2
Date	April 4, 1980
Completed By	J. Makepeace
Telephone	914-739-8823

Summary of Operating Experience - March, 1980

At the beginning of the report period, Unit No. 2 was operating at 100% of licensed reactor power with an electrical output of approximately 860 MW. Operating continued at this level until March 18 when load was reduced to approximately 200 MWe to repair the main feedwater regulating valve for No. 22 steam generator. While at this reduced load condition miscellaneous work was performed on the control system for both main boiler feedwater pumps. Repairs to the regulating valve were completed the following day and the load was gradually returned to full power.

On Wednesday, 3/26, at 0447 hours, a unit trip from approximately 400 MWe was experienced in the course of reducing load to compensate for a reduction in feedwater flow. The cause of the flow reduction was a parted control air line to HDT condenser dump valve LCV-1127B which caused the valve to go open and a trip of the HDT pumps due to a low flow condition. This in turn caused the MBFP's to cut back due to low suction header pressure with a resultant low level trip signal from #22 S/G. The Unit remained out of service until 1733 hours Thursday, 3/27, for miscellaneous maintenance work.

After returning to service, load was gradually escalated, reaching full load around 2400 hours on Friday, 3/28. The Unit was maintained at full load for the remainder of the report period.

Unit No. 2 — Mechanical and Electrical Maintenance

Date	Component	MWR #	Malfunction	Corrective Action
01-22-80	24 RCS Flow Transmitter	2N51021	Valve Packing Leak	Adjusted Packing Gland
02-04-80	22 SIS Pump	2N20948	Drain Plug Leak	Cleaned and Replaced Plug
02-04-80	22 RHR Pump	2N51102	Pump Would Not Rotate	Replaced Motor, Impeller and Seal Package
02-04-80	Valve 366	2N51140	Valve Leaks Through	Replaced Diaphragm
02-05-80	Air Lock - 80 Ft. Elevation	2N51144	Outer Door Gasket Leak	Replaced Gasket
02-06-80	Heat Trace Circuit 51B	2N51179	Strip Heating Element Defective	Replaced Element
02-07-80	Pipe Hangers	2N51180	Hanger Nuts Not As Per Drawing	Replaced and Adjusted Nuts
02-08-80	23 CRDM Fan	2N50996	Motor Grounded	Replaced Motor
02-08-80	21 CRDM Fan	2N50901	Motor Grounded	Replaced Motor
02-08-80	25 Fan Cooler Unit	2N51158	Service Water Piping Leak	Leak Repaired
02-08-80	21 Steam Generator	2N51194	Hand Hole Covers Leak	Adjusted Cover Nuts
02-09-80	23 Fan Cooler Unit	2N21203	Inlet Valve Gear Had Damaged Teeth	Replaced Sector Gear
02-12-80	23 Diesel Generator	2C20813	Service Water Coupling Leak	Replaced Coupling

Indian Point Station

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Unit No. 2 — Mechanical and Electrical Maintenance

Date	Component	MWR #	Malfunction	Corrective Action
02-13-80	Bit Level Piping	2N21184	Flange Joint Leaks	Replaced Gaskets and Valve Diaphragm
02-28-80	SFP Pump	2N20336	Flange Leak	Adjusted Flange Bolts
02-29-80	SFP Pump	2N21221	Seal Leak	Replaced Mechanical Seal and Pump Bearings

Unit No. 2 — Instrumentation and Control Repair

Date	Component	MWR #	Malfunction	Corrective Action
02-01-80	21 Boric Acid Evaporator	2N20897	Vacuum Instrument Out of Calibration	Recalibrated Instrument
02-07-80	Pressurizer Level	2C51193	LC-461A Drifting	Replaced Reference Junction Diode
02-08-80	Auxiliary Feedwater Pump Cooling Water	2C20949	PCV-1213 Not Stroking Properly	Cleaned Controller Internals
02-15-80	Radiation Monitor	2N21211	R-15 Not Working Properly	Replaced Detector
02-19-80	Reactor Coolant System Pressure	2C51127	PT-413 and 402 Indicating Higher Than Actual Pressure	Recalibrated Transmitters

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