

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 4-4-83
 COMPLETED BY E. Eich
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: March 1983
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:

Notes

No changes.

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	<u>744</u>	<u>2160</u>	<u>76705</u>
12. Number Of Hours Reactor Was Critical	<u>725.07</u>	<u>1743.87</u>	<u>49901.55</u>
13. Reactor Reserve Shutdown Hours	<u>16.25</u>	<u>23.13</u>	<u>1601.64</u>
14. Hours Generator On-Line	<u>712.07</u>	<u>1440.75</u>	<u>48280.05</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1865423</u>	<u>3545310</u>	<u>124981986</u>
17. Gross Electrical Energy Generated (MWH)	<u>579870</u>	<u>1098300</u>	<u>38601026</u>
18. Net Electrical Energy Generated (MWH)	<u>556790</u>	<u>1038406</u>	<u>36770463</u>
19. Unit Service Factor	<u>95.7</u>	<u>66.7</u>	<u>62.9</u>
20. Unit Availability Factor	<u>95.7</u>	<u>66.7</u>	<u>62.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>86.6</u>	<u>55.6</u>	<u>55.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>85.7</u>	<u>55.1</u>	<u>54.9</u>
23. Unit Forced Outage Rate	<u>0.7</u>	<u>14.4</u>	<u>10.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</u>		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast N.A. Achieved

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~~_____~~ ~~_____~~

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT I.P. Unit No. 2
DATE 4-4-83
COMPLETED BY E. Eich
TELEPHONE (914) 526-5155

MONTH MARCH 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>841</u>
2	<u>759</u>
3	<u>583</u>
4	<u>839</u>
5	<u>841</u>
6	<u>831</u>
7	<u>835</u>
8	<u>836</u>
9	<u>833</u>
10	<u>834</u>
11	<u>831</u>
12	<u>826</u>
13	<u>573</u>
14	<u>786</u>
15	<u>808</u>
16	<u>736</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>754</u>
18	<u>709</u>
19	<u>769</u>
20	<u>757</u>
21	<u>346</u>
22	<u>835</u>
23	<u>840</u>
24	<u>853</u>
25	<u>848</u>
26	<u>53</u>
27	<u>471</u>
28	<u>834</u>
29	<u>845</u>
30	<u>849</u>
31	<u>846</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH 1983

DOCKET NO. 50-247
 UNIT NAME I.P. Unit #2
 DATE 4-4-83
 COMPLETED BY E. 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	830303	F	0	H	4	None	HH	HT EXCH D	Load reduction to control high condensate temperature.
7	830313	F	4.85	A	3	None	CH	PUMP XX B	Spurious speed runback on 21 Main Boiler Feed pump resulting in low level trip on No. 23 S/G.
N/A	830321	F	0	A	4	None	CH	HT EXCH F	Load reduction due to condenser tube leaks
8	830326	S	27.08	A	2	None	CH	VALVEX F	Unit shutdown to repair #24 Main Boiler Feed Water Reg. Valve stem packing leakage.

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)

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 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

SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-247
Date: 4/8/83
Completed by: J. Curry
Telephone No.: (914) 526-5235

Indian Point Unit No. 2 began the month of March at 100% reactor power. On March 2, a contract diver became entrapped in the service water pump forebay while performing underwater inspection and cleaning. To remove him required a reduction in plant load to approximately 180 MWe and a concurrent shutdown of all but one service water pump. He was not injured.

On March 7 a brief load reduction of approximately 170 MWe was required to clear an obstruction from the forebay of No. 24 circulating water pump after which the unit was returned to full power.

Unit 2 tripped automatically on March 13 due to a low level condition in No. 23 steam generator in combination with a steam flow/feedwater flow mismatch signal. The trip occurred during a load reduction to compensate for a loss of speed control on No. 21 main boiler feedwater pump. The unit was returned to service the same day. Reactor power was raised to 42% while the feedwater pump was repaired and full power operation was restored on March 14.

On March 16, load was reduced to approximately 670 MWe to permit removal of condensers from service for inspection and cleaning. During the period from March 16 to March 23, three of the condenser sections were cleaned and several condenser tube leaks were plugged. No. 21 Circulating Water Pump was returned to service and full power was restored by March 22.

The unit was removed from service on March 26 to repair a stem packing gland leak on the main feedwater regulating valve for No. 24 steam generator. The unit was returned to service on March 27 and operated at 100% for the remainder of the period.

Docket No. 50-247
 Date: 4/14/83
 Completed by: J. Bahr
 March, 1983

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
11/4/82	Cont. Cooling Gas and Part Pump	2000	Pump frozen	Pump replaced.
10/20/82	Main Steam System MS-49B Safety Valve	4438	Leaks past seat	Removed valve and replaced disc and cotter pin.
11/11/82	Feedwater System Valve BFD 60-3	4865	Valve packing Leak	Replaced packing
10/29/82	CVCS Valve 204B	1464	Valve leak	Installed new valve internals and repacked
10/29/82	Containment Isolation System Valve PCV-1190	5045	Valve leak	Replaced worn gear sector in housing
10/29/82	PCV-1190 and PCV-1191	5046 and 5047	Valve leaks	Replaced T rings
11/4/82	Main Steam System MS-1 Valves (4 valves)	4902	Repacking required following S/G hydrostatic test	Valves repacked
11/11/82	Valve for Steam Generator Level Transmitter LT-417C	4979	Packing leak causing SG level instrumentation error	Valve repacked
10/20/82	No. 23 Steam Generator Safety Valve MS-45C	228	Valve leaks	Removed valve bonnet, replaced disc insert and cotter pin.
11/1/82	Containment Relief Valve	203-5485	Failed to open	Replaced failed control relay

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Completed by: J. Bahr
March, 1983

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
11/5/82	Pressurizer Heater Breaker, Circuit No. 2, Panel No. 23	4817	Breaker overheats	Replaced breaker
10/27/82	Instrument Air Lines to Valves 791 and FCV-110A	3100 and 111	Air leaks	Air lines resweated
11/4/82	Temperature Gauge for Dessicant Dryer Tank	5011	Gauge broken	Temperature gauge replaced.
11/4/82	Instrument Air System No. 22 Re- frigerant Dryer	5190	Sight glass for freon level low, indicator shows moisture	Recharged dryer
11/5/82	Service Water System Outlet Valve of PCV 1179	4714	Gear mal- function..	Replaced gear box
10/19/82	HVAC System Valve PCV1191 and PCV 1192	419	Manual operators broken	Replaced manual operators
10/29/82	Safety In- jection Valve No. 850A	3086	Valve requires repacking and renewed studs	Valve repacked and new studs and nuts installed
10/23/82	Safety In- jection System Valve No. 1830	4213	Diaphragm leaks	Diaphragm replaced

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March, 1983

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
11/5/82	Post Accident Sample System Valve 1875F	5092	Valve broken in closed position	Replaced broken valve bonnet
10/27/82	CVCS Valve No. 344	5134	Valve packing leaks	Valve replaced
10/29/82	CVCS Valve No. 267B	5436	Diaphragm leak	Valve bonnet and diaphragm replaced
11/4/82	No. 23 Emer- gency Diesel Generator Jacket Water Cooling System	5141	Cooling System leak	Nine tubes in water jacket plugged

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003
Telephone (212) 460-2533

April 15, 1983

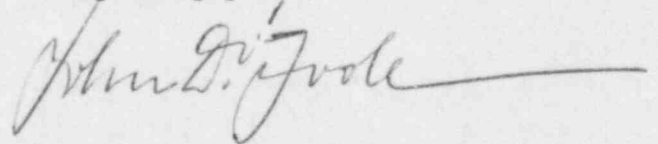
Re: Indian Point Unit No. 2
Docket No. 50-247

Mr. William G. McDonald, Director
Office of Management Information
and Program Control
c/o Distribution Services Branch, DDC, ADM
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. McDonald:

Enclosed you will find two copies of the Monthly Operating Reporting
related to Indian Point Unit No. 2 for the month of March 1983.

Very truly yours,



Encl.

cc: Mr. Richard DeYoung, Director (40 copies)
Office of Inspection and Enforcement
c/o Distribution Services Branch, DDC, ADM
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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