

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 3-6-84
 COMPLETED BY M. Blatt
 TELEPHONE (914) 526-5127

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: February, 1984
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

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>696</u>	<u>1440</u>	<u>84745</u>
12. Number Of Hours Reactor Was Critical	<u>305.63</u>	<u>997.46</u>	<u>56944.68</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2119.73</u>
14. Hours Generator On-Line	<u>293.77</u>	<u>973.50</u>	<u>55169.20</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>772 960</u>	<u>2 599 755</u>	<u>143 640 654</u>
17. Gross Electrical Energy Generated (MWH)	<u>238 730</u>	<u>813 190</u>	<u>44 470 766</u>
18. Net Electrical Energy Generated (MWH)	<u>224 033</u>	<u>775 379</u>	<u>42 402 471</u>
19. Unit Service Factor	<u>42.4</u>	<u>67.6</u>	<u>65.1</u>
20. Unit Availability Factor	<u>42.4</u>	<u>67.6</u>	<u>65.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>37.3</u>	<u>62.3</u>	<u>58.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>36.9</u>	<u>61.7</u>	<u>57.3</u>
23. Unit Forced Outage Rate	<u>57.8</u>	<u>32.4</u>	<u>9.8</u>

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

10 Year In Service Inspection/Refueling Outage Scheduled to begin
June 3, 1984.

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

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>N/A</u>	<u>N/A</u>
<u>"</u>	<u>"</u>
<u>"</u>	<u>"</u>

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(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP - Unit No. 2

DATE 3-6-84

COMPLETED BY M. Blatt

TELEPHONE (214) 526-5127

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>832</u>
2	<u>829</u>
3	<u>827</u>
4	<u>821</u>
5	<u>819</u>
6	<u>819</u>
7	<u>835</u>
8	<u>814</u>
9	<u>606</u>
10	<u>0</u>
11	<u>534</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>165</u>
28	<u>804</u>
29	<u>831</u>
30	<u>---</u>
31	<u>---</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 February, 1984DOCKET NO. 50-247UNIT NAME IP Unit #2DATE 3-6-84COMPLETED BY M. BlactTELEPHONE (914) 526-5127

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
2	2/9/84	F	27.72	D	1	84-003	IB	Instru. I	Control Rod Position Indicator Repair
3	2/11/84	F	374.52	A	1	NA	CC	HT Exch. F	Steam Generator Tube Leak

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

Summary of Operating Experience

February 1984

Unit 2 was at 100% reactor power at the beginning of the report period.

On February 8, reactor power was briefly reduced to 86% to investigate low instrument air pressure. The cause of this was determined to be excessive leakage at a branch connection fitting inside the vapor containment building. Instrument air pressure returned to normal after the connection was isolated, and the unit was returned to 100% power.

On February 9, digital Voltmeter readings indicated two (2) control rod position indications in one bank to be out of specification. The reactor was brought to hot shutdown and all rod position indicators were recalibrated. At 2257 on February 10, the unit was synchronized to the bus and a gradual return to 100% power initiated.

On February 11, a reactor shutdown was initiated to repair a primary to secondary leak in number 22 steam generator. The reactor reached cold shutdown conditions by February 12. A single tube leak in the steam generator was identified and mechanically plugged. Eddy current testing indicated the leak was on the hot leg, at or near the secondary face of the tube sheet. Thirteen (13) surrounding tubes were similarly tested in the same general area and no significant indications were found. Other major work accomplished during this outage included preventive maintenance on number 22 reactor coolant pump seal package, inspection and cleaning of all fan cooler unit cooling coils, changeout of number 22 RHR pump and the blanking off of valve PCV 1173 in the containment purge exhaust line. The containment exhaust valve was blanked due to excessive weld channel air leakage. This valve is scheduled to be repaired during the upcoming refueling outage.

On February 24, a successful hydrostatic test was performed on the reactor coolant system. On February 26, plant heatup was initiated. The reactor was made critical and synchronized to the bus at 1010 on February 27; it was returned to 100% power that same day.

On February 27, reactor power was reduced to 91% while the hand speed changer on number 21 main boiler feed pump was adjusted. The reactor was returned to 100% power and remained there for the rest of the month.

MAJOR SAFETY RELATED
CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>DATE</u>	<u>COMPONENT</u>	<u>SYSTEM</u>	<u>CORRECTIVE ACTION</u>
2450	11/7/83	R13/R14	RM	Replaced pump
5875	11/22/83	25 FCU	SW	Replaced elbow
5975	11/27/83	765A Gate Valve	ACS	Replaced gate
6401	11/15/83	22 SG Blowdown	SGB	Repaired piping leak
7665	11/17/83	Pump 0031-010	SW	Overhauled pump
9721	11/4/83	22 Rod Drive MG Set	ELEC	Repaired MG set
10274	11/9/83	21 SW Pump Discharge Flange	SW	Tightened flange
10524	11/10/83	22 Charging Pump	CVCS	Repacked pump
11212	11/23/83	Heat Trace Circuit 46B	ELEC	Replaced heater
11216	11/26/83	21 MBFP Discharge Valve	FW	Replaced operator
1236	12/6/83	21 RCP Jib Crane	CM	Installed Crane
6201	12/18/83	25 FCU	HVAC	Repaired Fan Boot
9436	12/5/83	Pump 0031-005	SW	Overhauled Pump
10440	12/22/83	Valve PW-383	PMW	Repaired Leak
11199	12/29/83	Valve PCV 1189	AFW	Adjusted Limit Switch

MAJOR SAFETY RELATED
CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>DATE</u>	<u>COMPONENT</u>	<u>SYSTEM</u>	<u>CORRECTIVE ACTION</u>
11358	12/9/83	30' EL Air Lock Door	VC	Test Operated Door
11422	12/13/84	23 Charging Pump	CVCS	Rebuilt Seals
11384	12/15/83	22 Charging Pump	CVCS	Replaced Packing
11446	12/29/83	VA-8	CVCS	Replaced Diaphragm
11457	12/19/83	21 SWP Check Valve	SW	Open/Adjusted Valve
11466	12/20/83	21 SW Pump	SW	Replaced Pump
11619	12/20/83	SOV 1280	WCCP	Replaced Coil
11662	12/23/83	21 SWP Check Valve	SW	Repaired Valve
11679	12/27/83	23 SWP Check Valve	SW	Repaired Valve

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
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March 15, 1984

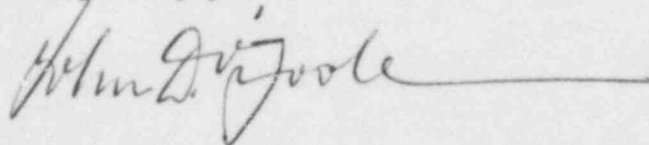
Re: Indian Point Unit No. 2
Docket No. 50-247

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

Dear Mr. McDonald:

Enclosed you will find two copies of the Monthly Operating Report for
Indian Point Unit No. 2 for the month of February 1984.

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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