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Consolidated Edison Company of New York, Inc.
Indian Point Station
Broadway & Bleakley Avenue
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August 15, 1997

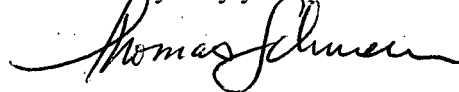
Re: Indian Point Station
Docket No. 50-247

Document Control Desk
US Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for July 1997.

Very truly yours,



Enclosure

cc: Mr. Hubert J. Miller
Regional Administrator - Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector
US Nuclear Regulatory Commission
PO Box 38
Buchanan, NY 10511

Mr. Paul Eddy
State of New York Public Service Commission
Department of Public Service
3 Empire Plaza
Albany, NY 12223

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SUMMARY OF OPERATING EXPERIENCE

July 1997

Unit 2 began the month of July with the continuance of our Cycle 13/14 refueling outage. The reactor was made critical on July 8, 1997 at 2045 hrs. followed by turbine synchronization on July 11 at 1348 hrs.

Between 0001 hrs. on July 12 through 0310 hrs. on July 14, reactor power was held at approximately 30% while plant personnel conducted physics testing and calibrated nuclear instrumentation. At 0544 hrs. on July 14 power escalation resumed.

On July 14 at 2030 hrs. power escalation was discontinued due to a rod control failure indication. Although the instrumentation problem was identified, an Administrative Order was issued shortly thereafter directing IP2 to maintain power "as is" due to extremely high system demand. On July 19 at 0150 hrs. this directive was lifted and repairs on instrumentation were completed. Power ascension commenced at approximately 0200 hrs. and continued until 2230 hrs. reaching 90%. At this time physics testing and instrument calibration began as scheduled. At 1210 hrs. on July 25 power ascension resumed with reactor power reaching 100% on July 26 at 0100 hrs.

On July 26 at 0906 hrs. a turbine and reactor trip occurred due to an offsite transformer problem. The reactor was made critical on July 27 at 1316 hrs. with turbine synchronization on July 28 at 0254 hrs. Upon synchronizing to the bus another turbine trip occurred due to an offsite relay problem. The unit again was brought on line on July 30 at 0550 hrs. Full power was achieved on July 31 at 0545 hrs. and maintained through the remainder of the day.

OPERATING DATA REPORT

DOCKET NO. 50-247
 COMPLETED BY F. Inzirillo
 DATE Aug. 11, 1997
 TELEPHONE (914)734-5179

OPERATING STATUS

Notes

1. Unit Name : Indian Point Unit #2
 2. Reporting Period : July 1997
 3. Licensed Thermal Power (Mwt) : 3071.4
 4. Nameplate Rating (Gross Mwe) : 1008
 5. Design Electrical Rating (Net Mwe) : 986
 6. Maximum Dependable Capacity (Gross Mwe) : 965
 7. Maximum Dependable Capacity (Net Mwe) : 931

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) :

10. Reasons For Restrictions, If Any :

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>744</u>	<u>5087</u>	<u>202368</u>
12. Number of Hours Reactor Was Critical	<u>527.08</u>	<u>2268.28</u>	<u>144813.80</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>131.87</u>	<u>4566.64</u>
14. Hours Generator On-Line	<u>397.48</u>	<u>2122.61</u>	<u>141229.51</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>855741</u>	<u>5959818</u>	<u>392938105</u>
17. Gross Electrical Energy Generated (MWH)	<u>237908</u>	<u>1904073</u>	<u>121442831</u>
18. Net Electrical Energy Generated (MWH)	<u>214995</u>	<u>1795570</u>	<u>116289344</u>
19. Unit Service Factor	<u>53.4</u>	<u>41.7</u>	<u>69.8</u>
20. Unit Availability Factor	<u>53.4</u>	<u>41.7</u>	<u>69.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>31.0</u>	<u>37.6</u>	<u>65.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>29.3</u>	<u>35.8</u>	<u>63.2</u>
23. Unit Forced Outage Rate	<u>18.9</u>	<u>37.0</u>	<u>6.8</u>

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

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
 COMMERCIAL OPERATION

N/A
N/A
N/A

N/A
N/A
N/A

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50-247
UNIT I.P. Unit #2
DATE 08/11/97
COMPLETED BY F. Inzirillo
TELEPHONE (914)734-5179

MONTH July 1997

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>13</u>
12	<u>127</u>
13	<u>160</u>
14	<u>267</u>
15	<u>406</u>
16	<u>408</u>

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>393</u>
18	<u>392</u>
19	<u>616</u>
20	<u>825</u>
21	<u>819</u>
22	<u>832</u>
23	<u>828</u>
24	<u>823</u>
25	<u>863</u>
26	<u>339</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>313</u>
31	<u>902</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 08/11/97

COMPLETED BY F. Inzirillo

TELEPHONE (914)734-5179

REPORT MONTH AUGUST 1997

No.	Date	Type(1)	Duration (Hours)	Reason(2)	Method of Shutting Down Reactor	Licensee Event Report #	System Code (4)	Component Code (5)	Cause & Corrective Action to Prevent Recurrence
2	970501	S	253.80	C	1		XX	XXXXXX	CYCLE 13/14 REFUELING OUTAGE IN PROGRESS.
N/A	970714	F	0	A	4		IB	(ANNUNC)	ROD CONTROL URGENT FAILURE ALARM RX. REMAINED CRITICAL
3	970726	F	41.80	A	3		EA	(TRANSF)	TURBINE TRIP/REACTOR TRIP DUE TO PROBLEM WITH OFFSITE TRANSFORMER
4	970728	F	50.92	A	4		EA	(RELAYX)	TURBINE TRIPPED DUE TO OFFSITE RELAY PROBLEM. RX.REMAINEDCRITICAL

(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)

MAJOR SAFETY RELATED MAINTENANCE

W.O. #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
96-87701	Service Water	Pump	7/25/97	Replaced Pump for PM
97-93515	Rod Control	Power Cabinet	7/27/97	Replaced Circuit cards
97-93215	Rod Control	Power Cabinet	7/27/97	Replaced Fuses
97-93458	Feedwater	FT-449A	7/30/97	Replaced Flow Transmitter