Stephen B. Bram
Vice President

Consolidated Edison Company of New York, Inc.
Indian Point Station
Broadway & Bleakley Avenue
Buchanan, NY 10511
Telephone (914) 737-8116

January 15, 1990

Re: Indian Point Station
Docket No. 50-247

Director, Office of Management
and Program Analysis
US Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of December, 1989.

Very truly yours,

Enclosure

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

Mr. William Russell
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

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 1/8/90
COMPLETED BY K. Krieger
TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: December 1989
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

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	744	8760	135913
12. Number Of Hours Reactor Was Critical	672.70	5644.06	93755.06
13. Reactor Reserve Shutdown Hours	0	12.89	3922.90
14. Hours Generator On-Line	644.08	5558.41	91205.23
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1629979	14492019	246512112
17. Gross Electrical Energy Generated (MWH)	528054	4664299	74594886
18. Net Electrical Energy Generated (MWH)	506867	4467384	71268285
19. Unit Service Factor	86.6	63.5	67.1
20. Unit Availability Factor	86.6	63.5	67.1
21. Unit Capacity Factor (Using MDC Net)	78.9	59.5	61.1
22. Unit Capacity Factor (Using DER Net)	78.0	58.4	60.1
23. Unit Forced Outage Rate	13.4	2.0	7.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Maintenance Outage, 2/24/90, 28 days

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	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT IP Unit 2
DATE 1/8/90
COMPLETED BY K. Krieger
TELEPHONE (914) 526-5155

MONTH December 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	878	17	888
2	887	18	889
3	884	19	894
4	897	20	892
5	888	21	805
6	892	22	492
7	895	23	157
8	884	24	---
9	880	25	---
10	856	26	---
11	21	27	412
12	697	28	875
13	86	29	887
14	784	30	890
15	878	31	892
16	884		

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 IP Unit No. 2
DATE 1/8/90
COMPLETED BY K. Krieger
TELEPHONE (914) 526-5155

REPORT MONTH December 1989

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	891210	F	0	A	4		CG	HTEXCH F	Inspect 22 S/G Chemical Feed Line
4	891211	F	15.13	A	4		CG	HTEXCH F	Leak on 22 S/G Chemical Feed Line. Repairs done while reactor remained critical
N/A	891211	F	0	H	4		HH	HTEXCH D	High Chlorides
5	891213	F	13.03	G	3		HA	Filter	Operational Error changing Turbine Oil Filter
N/A	891213	F	0	H	4		HH	HTEXCH D	High Chlorides
N/A	891221	F	0	A	4		CA	VALVEX F	Spray valve Rep PCV-455B
N/A	891222	F	0	A	4		CA	VALVEX F	Spray valve Rep PCV-455B
6	891224	S	71.76	A	1		CA	VALVEX F	Spray valve Rep PCV-455B

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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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1989

DOCKET NO. 50-247
UNIT NAME IP Unit 2
DATE 1/8/90
COMPLETED BY K. Krieger
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	891227	F	0	H	4		HH	HTEXCH D	High Chlorides

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
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Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

SUMMARY OF OPERATING EXPERIENCE

December 1989

The unit was operated at 100% reactor power from the beginning of the month until 0917 on 12/9, when power was reduced to 95% to conduct the periodic turbine stop valve test. Power was returned to 100% by 1145 on 12/9.

At 2035 on 12/10, a shutdown was commenced to repair a leak on #22 steam generator chemical feed line. Unit was off-line by 0215 on 12/11, while the reactor was maintained critical.

After completion of repairs to the feed line, the unit was returned to service by 1723 on 12/11 and power increased to 29%. Power was held there for secondary side chemistry stabilization until 0145 on 12/12. At that time, power ascension was initiated and 100% power was reached by 1400 on 12/12.

A unit trip occurred at 0121 on 12/13 due to low main turbine oil pressure. After correcting the condition the unit was returned to service at 1423 on 12/13 and power was increased to 30%. Power was held there for secondary side chemistry stabilization until 2250 on 12/13, when power ascension to 100% was initiated. 100% power was achieved by 1520 on 12/14.

At 0857 on 12/15, power was reduced to 95% to effect repairs on #21 HDTP. By 1008, the pump was removed from service and power returned to 100%.

At 1815 on 12/21, a series of power reductions were initiated to inspect and repair valve PCV-455B. Power was first reduced to 30% by 0045 on 12/22. At 0307, power ascension was initiated; 100% power was reached by 1300. At 1400, another power reduction was initiated; 30% power was reached by 1900 on 12/22. Finally, at 0201 on 12/24, the unit was taken off line to effect repairs to PCV-455B.

After repairs were completed on PCV-455B, the unit was returned to service by 0146 on 12/27. 100% power was achieved by 2110 on 12/27 and maintained there for the remainder of the month.