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

December 16, 1991

Re: Indian Point Station
Docket No. 50-247

Director, Office of Resource Management
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 November, 1991.

Very truly yours,

Enclosure

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

Mr. Thomas T. Martin
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

9112260316 911130
PDR ADOCK 05000247
R PDR

IE24

SUMMARY OF OPERATING EXPERIENCE

NOVEMBER 1991

The unit was operated at full power for the month of November, except for the following power reductions.

At 1640 hours on November 2, #24 circulating water pump was taken out of service and the unit removed from service due to a tube leak in #24 waterbox. Repairs were completed and the unit was returned to service on November 8, at 2202 hours. Power was limited to 30% after the return to service from the condenser tube leak due to above normal secondary-side chlorides.

On November 10 at 0929 hours, a power reduction to 5% reactor power was initiated to repair a steam leak on one of the high pressure turbine inlet piping drain lines. After completion of the initial repairs, power was increased to 13% by 1700 hours on November 10 and held there to evaluate the repair.

At 1715 hours on November 10 a power reduction to 5% was again initiated to make further repairs. After completion of repairs, power was increased to 30% by 2200 hours that same day, and held for high secondary-side chlorides.

Since repairs made on-line to the HP turbine drain line proved unsuccessful, a unit shutdown was initiated at 0159 hours on November 11 to effect final repairs. The unit was removed from service by 0500 hours that same day.

Repairs were completed and the unit returned to service by 2342 hours on November 11. Power reached 30% by 0548 hours on November 12 and held there for above normal secondary-side chlorides. The chemistry hold was cleared by 1955 hours on November 12 and power ascension initiated; 100% power was achieved by 0530 hours on November 13.

The unit was operated at 100% reactor power for the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 12/6/91
COMPLETED BY J. Spivak
TELEPHONE (914) 526-5104

OPERATING STATUS

1. Unit Name: Indian Point Unit # 2
2. Reporting Period: November 1991
3. Licensed Thermal Power (MWt): 3071.4
4. Nameplate Rating (Gross MWe): 1310
5. Design Electrical Rating (Net MWe): 986
6. Maximum Dependable Capacity (Gross MWe): 975
7. Maximum Dependable Capacity (Net MWe): 939

Notes

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	720	8016	152689
12. Number Of Hours Reactor Was Critical	640	3982.71	103574.75
13. Reactor Reserve Shutdown Hours	116	116	4038 .9
14. Hours Generator On-Line	551.93	3752.97	100738.98
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1559 986	10 567 807	273 656 475
17. Gross Electrical Energy Generated (MWH)	479 326	3 301 434	83 309 880
18. Net Electrical Energy Generated (MWH)	456 566	3 150 646	79 627 640
19. Unit Service Factor	76.7	46.8	66.0
20. Unit Availability Factor	76.7	46.8	66.0
21. Unit Capacity Factor (Using MDC Net)	67.5	42.3	60.4
22. Unit Capacity Factor (Using DER Net)	64.3	39.9	59.0
23. Unit Forced Outage Rate	23.3	8.1	7.5

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Uniit #2

DATE 12/6/91

COMPLETED BY J.Spivak

TELEPHONE (914)526-5104

MONTH November 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	941	17	955
2	589	18	955
3	0	19	957
4	0	20	959
5	0	21	959
6	0	22	959
7	0	23	958
8	0	24	960
9	164	25	959
10	83	26	957
11	3	27	957
12	193	28	958
13	911	29	962
14	955	30	962
15	955	31	-
16	956		

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

REPORT MONTH November 1991

DOCKET NO. 50-247
UNIT NAME I.P Unit #2
DATE 12/6/91
COMPLETED BY J. Spivak
TELEPHONE (914) 526-5104

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
6	911102	F	149.37	A	1		HC	HTEXCH D	Unit down due to Condenser Tube Leak
N/A	911108	F	0	H	4		HH	HTEXCH D	Chemistry Hold due to Chlorides
N/A	911110	F	0	A	4		HJ	PIPEXX A	High Pressure Turbine Drain Line Leak
N/A	911110	F	0	H	4		HH	HTEXCH D	30% Chemistry Hold
7	911111	F	18.70	A	1		HJ	PIPEXX A	High Pressure Turbine Drain Line Leak
N/A	911112	F	0	H	4		HH	HTEXCH D	Chemistry Hold Due To Chloride

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 CORRECTIVE MAINTENANCE

MWO	System	Component	Date	Work Performed
56606	FW	23 SG	11/07/91	Repaired flange leak at inspection port
57145	WDS	LT-3302	11/08/91	Replaced transmitter
57396	MS	Line # 1.5-SD-19A	11/11/91	Repaired line
55832	MS	MS-864	11/14/91	Repaired valve body, replaced shaft
57284	MS	MS-863	11/14/91	Repaired valve
52360	SFPC	22SFPP	12/3/91	Rebuilt pump