

Summary of Operating Experience

November 1988

The unit was operated at 100% reactor power for the month of November, except for the following reductions in power.

A unit trip was initiated at 1210 on 11/22 due to a spurious signal originating in the generator excitation system. The unit was returned to service on 11/25 at 1015 and reached 100% power at 2055.

A reactor trip was initiated on 11/26 at 0625 due to a blown fuse on #24 feedwater regulator valve. The unit was returned to service at 2359 hours that same day. After corrective maintenance was completed on load limiter #1, 100% reactor power was achieved at 1845 on 11/27.

The unit remained at 100% reactor power for the remainder to the month.

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OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 12/9/88
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: November 1988
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	720	8040	126409
12. Number Of Hours Reactor Was Critical	674.45	6747.83	87367.00
13. Reactor Reserve Shutdown Hours	33.13	141.51	3910.01
14. Hours Generator On-Line	632.35	6506.14	84902.82
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1721833	17454345	229977624
17. Gross Electrical Energy Generated (MWH)	560724	5647662	69260218
18. Net Electrical Energy Generated (MWH)	539551	5415989	66152904
19. Unit Service Factor	87.8	80.9	67.2
20. Unit Availability Factor	87.8	80.9	67.2
21. Unit Capacity Factor (Using MDC Net)	86.7	78.7	61.0
22. Unit Capacity Factor (Using DER Net)	85.8	77.2	59.9
23. Unit Forced Outage Rate	12.2	4.0	8.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/Maintenance Outage, March 15, 1989 Approximately 72 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	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT IP Unit #2
 DATE 12/9/88
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

MONTH November 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	873
2	869
3	875
4	873
5	873
6	871
7	870
8	863
9	870
10	871
11	872
12	872
13	873
14	872
15	875
16	878

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	872
18	868
19	864
20	866
21	865
22	426
23	---
24	---
25	325
26	197
27	689
28	872
29	874
30	865
31	---

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

DOCKET NO. 50-247
 UNIT NAME IP Unit #2
 DATE 12/9/88
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

REPORT MONTH November 1988

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
8	88/11/22	F	70.08	A	3	88-018	HA	GENERA X	Spurious Signal Originating in the Generator Excitation System.
9	88/11/26	F	17.57	A	3	88-019	CH	CKTBRK A	Blown Fuse causing closure of a Feedwater Regulator Valve.

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

Stephen B. Bram
Vice President

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

December 15, 1988

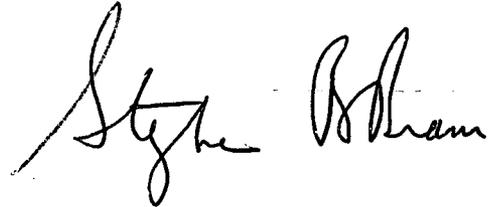
Re: Indian Point Unit No. 2
Docket No. 50-247

Director, Office of Management
and Program Analysis
U.S. 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 1988.

Very truly yours,



Enclosure

cc: Document Control Desk
U.S. Nuclear Regulatory Commission
Mail Station Pl-137
Washington, DC 20555

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