

Summary of Operating Experience

July 1988

The unit was maintained at 99% reactor power at the beginning of the month, as repairs to #22 heater drain tank pump (HDTP) continued.

A unit shutdown was initiated at 2215 on July 6th when, due to tube leakage in #22 Steam Generator, the calculated primary to secondary leak rate was projected to exceed 0.2 gallons per minute over the next 24 hours. The unit was taken off-line at 0355 hours on July 7th, and the reactor manually shut down at 1218 hours that same day.

Upon completion of repairs to #22 Steam Generator and #22 HDTP, the reactor was brought critical at 1152 hours on July 24th and synchronized to the bus at 2100 hours. The reactor power was increased to 100% at approximately 0730 hours on July 25th.

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

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OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 8/9/88
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Station
2. Reporting Period: July 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): 885
7. Maximum Dependable Capacity (Net MWe): 849
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	5111	123480
12. Number Of Hours Reactor Was Critical	336.43	3972.76	84591.93
13. Reactor Reserve Shutdown Hours	0	0	3768.50
14. Hours Generator On-Line	318.92	3785.69	82182.37
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	854192	1099100	222622379
17. Gross Electrical Energy Generated (MWH)	267196	3292382	66904938
18. Net Electrical Energy Generated (MWH)	252206	3153570	63890485
19. Unit Service Factor	42.9	74.1	66.6
20. Unit Availability Factor	42.9	74.1	66.6
21. Unit Capacity Factor (Using MDC Net)	39.9	72.0	60.3
22. Unit Capacity Factor (Using DER Net)	38.8	70.7	59.3
23. Unit Forced Outage Rate	57.1	11.4	8.7

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
N/A	N/A
N/A	N/A
N/A	N/A

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

IF 24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP Unit No. 2

DATE 8/9/88

COMPLETED BY K. Krieger

TELEPHONE (914) 526-5155

MONTH July 1988

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	815
2	817
3	819
4	814
5	823
6	803
7	13
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	749
26	832
27	835
28	836
29	836
30	833
31	834

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 July 1988

DOCKET NO. 50-247
 UNIT NAME IP Unit No. 2
 DATE 8/9/88
 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
6	880707	F	42508	A	2	- NA -	CH	HTEXCH	22 Steam Generator Tube Leak

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE - JULY

<u>MWO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
38150	RCS	LT-470	7/15/88	Replaced level transmitter

Stephen B. Bram
Vice President

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

August 15, 1988

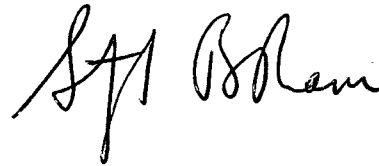
Re: Indian Point Unit No. 2
Docket No. 50-247

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 July 1988.

Very truly yours,



Enclosure

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

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