

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



**New York Power
Authority**

May 1, 1990
IP3-90-042
IP3-90-058W

Docket No. 50-286
License No. DPR-64

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station PI-137
Washington, D.C. 20555

Dear Sir:

Enclosed you will find the monthly operating report relating to
Indian Point 3 Nuclear Power Plant for the month of April 1990.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'J. E. Russell'.

Joseph E. Russell
Resident Manager
Indian Point 3 Nuclear Power Plant

JER:SS:JB:sd:6:18

Enclosure

cc: Mr. William Russell, Regional Administrator
Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

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OPERATING DATA REPORT

Docket No. 50-286
 Date 05-01-90
 Completed By S. Smith
 Telephone 914-736-8340

OPERATING STATUS

- | | | |
|---|-------|--|
| 1. Unit Name: <u>Indian Point No. 3 Nuclear Power Plant</u>
2. Reporting Period: <u>April 1990</u>
3. Licensed Thermal Power (MWt): <u>3025</u>
4. Nameplate Rating (Gross MWe): <u>1013</u>
5. Design Electrical Rating (Net MWe): <u>965</u>
6. Maximum Dependable Capacity (Gross MWe): <u>1000</u>
7. Maximum Dependable Capacity (Net MWe): <u>965</u> | 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	719	2879	119,808
12. Number of Hours Reactor Was Critical	548.75	2014.53	74,024.41
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	531.45	1996.05	71,957.80**
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,548,390	5,941,261	203,442,227
17. Gross Electrical Energy Generated (MWH)	518,300	1,990,990	62,439,325
18. Net Electrical Generated (MWH)	501,087	1,926,570	59,998,017
19. Unit Service Factor	73.9	69.3	60.1
20. Unit Availability Factor	73.9	69.3	60.1
21. Unit Capacity Factor (Using MDC Net)	72.2	69.3	53.5 *
22. Unit Capacity Factor (Using DER Net)	72.2	69.3	51.9
23. Unit Forced Outage Rate	0	0	16.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): * Weighted Average
 ** Reflects 40 hour correction for March 1990

The cycle 7/8 refueling outage is scheduled for September 1990.

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):
- | | | |
|----------------------|----------|----------|
| INITIAL CRITICALITY | Forecast | Achieved |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT IP-3
 DATE 05-01-90
 COMPLETED BY S. Smith
 TELEPHONE (914) 736-8340

MONTH April 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	17
9	374
10	972
11	980
12	982
13	981
14	981
15	980
16	981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	979
18	980
19	980
20	981
21	980
22	981
23	980
24	897
25	975
26	978
27	980
28	981
29	981
30	980
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. 50-286
 UNIT NAME Indian Point 3
 DATE 05/01/90
 TELEPHONE (914) 736-8000

REPORT MONTH APRIL 1990

No.	Date	Type	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code	Component Code 5	Cause & Corrective Action to Prevent Recurrence
1	900303	S	187.55	B	1	NA	HA	TURBIN	The unit was manually secured during a controlled shutdown for a scheduled maintenance outage.
2	900424	F	NA	F	NA	NA	SE	RECOMB	No's. 31 and 32 Hydrogen Recombiners were declared inoperable during performance of Surveillance Test 3PT-SA01. As per Technical Specifications a unit shutdown commenced at the rate of 140 Mwe/hour.

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

5
Exhibit H - Same Source

SUMMARY OF OPERATING EXPERIENCE

APRIL 1990

Indian Point Unit No. 3 was synchronized to the bus for a total of 531.45 hours, producing a gross generation of 518,300 MWe.

On April 8, at 0315 hours, the reactor was brought critical following a planned 36 day maintenance outage. The unit was synchronized to the bus at 2033 hours and a load increase to full power commenced. The unit achieved full power on April 10, at 0400 hours.

On April 24, at 1329 hours, during performance of Surveillance Test 3PT-SA01, No's. 31 and 32 Hydrogen Recombiners were declared inoperable. As per Technical Specifications a plant shutdown was commenced and a notification of unusual event (NUE) was declared.

After repairs were made to No. 31 Hydrogen Recombiner and the unit tested satisfactorily, the NUE was secured and a load escalation to full power began on April 24, at 1556 hours. The unit achieved full power on April 25, at 0300 hours, and remained on line for the remainder of the reporting period.