

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



**New York Power
Authority**

April 1, 1991
IP3-91-023
IP3-91-014W

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 March 1991.

Very truly yours,

A handwritten signature in black ink, appearing to read 'J. E. Russell', written over the typed name.

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

JER:SS:JB:sd:MOR.06

Enclosure

cc: Mr. Thomas T. Martin, 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 04-01-91
 Completed By L. Kelly
 Telephone 914 736-8340

OPERATING STATUS

Notes

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: March 1991
3. Licensed Thermal Power (MWt): 3025
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 1000
7. Maximum Dependable Capacity (Net MWe): 965
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	744	2160	127,849**
12. Number of Hours Reactor Was Critical	517.10	1933.1	79,454.19
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	478.64	1894.64	77,234.39
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,420,780	5,503,889	218,750,423
17. Gross Electrical Energy Generated (MWH)	482,310	1,866,150	67,529,035
18. Net Electrical Generated (MWH)	467,069	1,805,788	64,909,004
19. Unit Service Factor	64.3	87.7	60.4**
20. Unit Availability Factor	64.3	87.7	60.4**
21. Unit Capacity Factor (Using MDC Net)	65.1	86.6	54.1 *
22. Unit Capacity Factor (Using DER Net)	65.1	86.6	52.6**
23. Unit Forced Outage Rate	35.7	12.3	16.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 * Weighted Average
 ** Reflects a 360 hour correction from September 1990
25. If Shut Down At End Of Report Period. Estimated Date of Startup: April 1991
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT IP-3
 DATE 04-01-91
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

MONTH MARCH 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>993</u>
2	<u>965</u>
3	<u>969</u>
4	<u>981</u>
5	<u>981</u>
6	<u>983</u>
7	<u>982</u>
8	<u>980</u>
9	<u>982</u>
10	<u>980</u>
11	<u>981</u>
12	<u>981</u>
13	<u>981</u>
14	<u>983</u>
15	<u>983</u>
16	<u>981</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>980</u>
18	<u>988</u>
19	<u>994</u>
20	<u>800</u>
21	<u>0</u>
22	<u>12</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

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 NO. 3
 DATE 04-01-91
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

REPORT MONTH MARCH 1991

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
1	910320	F	33.87	A	3	91-005-00	XX	XXXXXX	AUTOMATIC SHUTDOWN DUE TO A DIRECT ELECTRICAL TRIP FROM THE BUCHANAN SUBSTATION.
2	910322	F	19.69	A	3	91-006-00	CH	VALVEX C	AUTOMATIC SHUTDOWN DUE TO LOW STEAM GENERATOR LEVEL CAUSED BY THE FAILURE OF MAIN BOILER FEED PUMP (MBFP) DISCHARGE CHECK VALVE BFD-1-1 ASSOCIATED WITH NO. 31 MBFP.
3	910323	F	211.80	A	1	91-007-00	HA	TURBIN	MANUALLY SECURED TURBINE GENERATOR DUE TO HIGH INDICATED VIBRATIONS ON TURBINE BEARINGS.

1

F: Forced
S: Scheduled

2

Reason:
A-Equipment
B-Maintenance or Test
C-Refueling
D- Regulatory Restriction

3

Method
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

4

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

5 Exhibit - Same Source

SUMMARY OF OPERATING EXPERIENCE

MARCH 1991

Indian Point Unit No. 3 was synchronized to the bus for a total of 478.64 hours, producing a gross generation of 482,410 MWe.

On March 20, at 1915 hours, the plant was automatically shutdown due to a direct electrical "trip" caused by a fault from the Buchanan Substation. The fault was caused by 345 Kv Bus Section 3 Phase 3 PT Failure. The plant was stabilized in the hot shutdown condition while an investigation and repairs were performed.

After repairs were made, the Reactor was brought critical on March 21, at 2043 hours. The unit was synchronized to the bus on March 22, at 0507 hours. At 0814 hours, the unit was automatically shutdown due to low level in No. 32 Steam Generator. This was the result of the failure of a Main Boiler Feed Pump (MBFP) discharge check valve BFD-1-1 associated with No. 31 MBFP. After repairs were made the Reactor was brought critical at 1950 hours.

On March 23, at 0356 hours, the unit was synchronized to the bus. At 0412 hours, the turbine was manually secured due to high indicated vibrations on Low Pressure Turbine Bearings No.'s 5 and 6. On March 24, at 0210 hours, the Reactor was manually secured. On March 25, at 0900 hours, the unit began to proceed to the cold shutdown condition for an unscheduled turbine maintenance outage. Cold shutdown was reached on March 26, at 0330 hours, and the unit remained off the line for the remainder of the reporting period.