

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511  
914 736-8001



**New York Power  
Authority**

William A. Josiger  
Resident Manager

March 12, 1993  
IP3-NRC-93-023

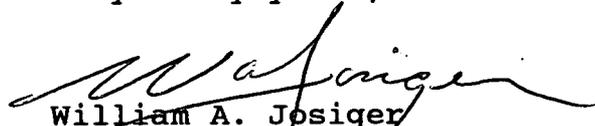
Docket No. 50-286  
License No. DPR-64

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

Dear Sir:

Enclosed you will find the monthly operating report relating to Indian Point 3 Nuclear Plant for the month of February 1993.

Very truly yours,

  
William A. Josiger  
Resident Manager  
Indian Point 3 Nuclear Power Plant

WAI:dc

Enclosure

cc: Mr. Thomas T. Martin, Regional Administrator  
Region I  
U.S. Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

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

9303190377 930228  
PDR ADDCK 05000286  
R PDR

*Handwritten initials/signature*

OPERATING DATA REPORT

Docket No. 50-286  
 Date 03-01-93  
 Completed By T. Orlando  
 Telephone (914) 736-8340

OPERATING STATUS

Notes

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: February 1993
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	<u>672</u>	<u>1,416</u>	<u>144,649</u>
12. Number of Hours Reactor Was Critical	<u>633.68</u>	<u>1,303.54</u>	<u>91,890.14</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>633.22</u>	<u>1,292.77</u>	<u>89,462.16</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,848,845</u>	<u>3,682,359</u>	<u>254,069,702</u>
17. Gross Electrical Energy Generated (MWH)	<u>622,170</u>	<u>1,234,160</u>	<u>79,388,605</u>
18. Net Electrical Generated (MWH)	<u>601,779</u>	<u>1,192,553</u>	<u>76,357,136</u>
19. Unit Service Factor	<u>94.2</u>	<u>91.3</u>	<u>61.8</u>
20. Unit Availability Factor	<u>94.2</u>	<u>91.3</u>	<u>61.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.8</u>	<u>87.3</u>	<u>56.0*</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.8</u>	<u>87.3</u>	<u>54.7</u>
23. Unit Forced Outage Rate	<u>5.8</u>	<u>2.9</u>	<u>15.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
 \*Weighted Average.

25. If Shut Down At End Of Report Period. Estimated Date of Startup: April, 1993

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 03-01-93  
 COMPLETED BY T. Orlando  
 TELEPHONE (914) 736-8340

MONTH February 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	984
2	985
3	985
4	985
5	985
6	985
7	985
8	984
9	983
10	984
11	985
12	984
13	985
14	986
15	955
16	851

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	985
18	985
19	985
20	987
21	986
22	985
23	985
24	986
25	780
26	659
27	162
28	0
29	-
30	-
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 NO. 3  
 DATE 03-01-93  
 COMPLETED BY T. Orlando  
 TELEPHONE (914) 736-8340

REPORT MONTH February 1993

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	SHUTTING DOWN REACTOR 3	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
2	930215	F	N/A	B	N/A	N/A	HH	PUMPXX B	DECREASED LOAD TO APPROXIMATELY 850 MWe IN ORDER TO REMOVE NO. 33 CONDENSATE PUMP FROM SERVICE DUE TO EVIDENCE OF WATER IN THE PUMPS UPPER BEARING OIL RESERVOIR.
3	930225	F	N/A	A	N/A	N/A	RB	PUMPXX B	DECREASED LOAD TO APPROXIMATELY 250 MWe DUE TO NO'S 31 AND 32 BORIC ACID TRANSFER PUMP'S BEING DECLARED INOPERABLE, DUE TO THE FAILURE OF SURVEILLANCE TEST 3PT-Q38, <u>BORIC ACID TRANSFER PUMP FUNCTIONAL.</u>
4	930226	F	38.78	B	1	N/A	SH	INSTRU X	THE UNIT WAS REMOVED FROM SERVICE IN ORDER TO PERFORM TESTING THE PLANTS AMSAC SYSTEM.

1

2

3

4

F: Forced  
 S: Scheduled

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

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

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

## SUMMARY OF OPERATING EXPERIENCE

FEBRUARY 1993

Indian Point Unit No. 3 was synchronized to the bus for a total of 633.22 hours, producing a gross generation of 622,170 MWe.

On February 15, at 1729 hours, a plant operator observed evidence of water in No. 33 Condensate Pump's upper bearing oil sight glass. Following sampling of the oil, it was determined that a significant amount of water was present in the oil. At 1840 hours, a load reduction commenced in order to remove No. 33 Condensate Pump from service. Plant load was stabilized at approximately 850 MWe. After repairs were made, No. 33 Condensate Pump was returned to service on February 16, at 1823 hours and a load escalation commenced. The unit achieved full load at 2345 hours.

On February 25, a review of surveillance test 3PT-Q38, Boric Acid Transfer Pump Functional Test, revealed that the No. 31 and 32 Boric Acid Transfer Pumps (BATP) did not pass the Operability Criteria stated in the surveillance test. The pumps were declared inoperable at 1235 hours. A unit load reduction commenced, at 1245 hours, in accordance with Technical Specifications Section 3.2.D.1. With plant load at approximately 250 MWe, both No. 31 and 32 BATP's were retested satisfactorily and declared operable at 2125 hours. A load escalation then commenced.

On February 26, at 2300 hours, with the unit at approximately 990 MWe, a unit load reduction commenced. This was in response to the discovery that two (2) ATWS Mitigating System Actuation Circuitry (AMSAC) surveillance tests had not been performed in accordance with the required frequency. This resulted in the plant not being in full compliance with 10CFR50.62. The unit was removed from service on February 27, at 0913 hours, and the reactor was secured at 0941 hours. The unit remained off line for the remainder of the reporting period in the hot shutdown condition.