

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

February 10, 1993

IP3-NRC-93-011

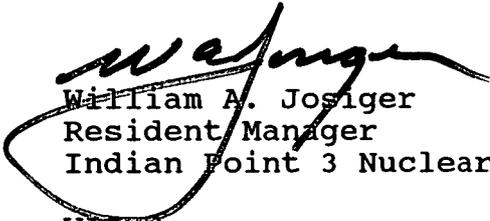
Docket No. 50-286  
License No. DPR-64

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 January 1993.

Very truly yours,

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

WAJ: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

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PDR ADOCK 05000286  
R PDR

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**OPERATING DATA REPORT**

Docket No. 50-286  
 Date 02-01-93  
 Completed By L. Kelly  
 Telephone (914) 736-8340

**OPERATING STATUS**

|       |
|-------|
| Notes |
|-------|

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: January 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               | 744        | 744         | 143,977     |
| 12. Number of Hours Reactor Was Critical    | 669.86     | 669.86      | 91,256.46   |
| 13. Reactor Reserve Shutdown Hours          | 0          | 0           | 0           |
| 14. Hours Generator On-Line                 | 659.55     | 659.55      | 88,828.94   |
| 15. Unit Reserve Shutdown Hours             | 0          | 0           | 0           |
| 16. Gross Thermal Energy Generated (MWH)    | 1,833,514  | 1,833,514   | 252,220,857 |
| 17. Gross Electrical Energy Generated (MWH) | 611,990    | 611,990     | 78,766,435  |
| 18. Net Electrical Generated (MWH)          | 590,774    | 590,774     | 75,755,357  |
| 19. Unit Service Factor                     | 88.6       | 88.6        | 61.7        |
| 20. Unit Availability Factor                | 88.6       | 88.6        | 61.7        |
| 21. Unit Capacity Factor (Using MDC Net)    | 82.3       | 82.3        | 55.9*       |
| 22. Unit Capacity Factor (Using DER Net)    | 82.3       | 82.3        | 54.5        |
| 23. Unit Forced Outage Rate                 | 0          | 0.          | 15.4        |

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

Maintenance outage scheduled to begin May, 1993.

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  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-286  
 UNIT IP-3  
 DATE 02-01-93  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 736-8340

MONTH January 1993

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 1   | 985                                    |
| 2   | 984                                    |
| 3   | 985                                    |
| 4   | 983                                    |
| 5   | 984                                    |
| 6   | 985                                    |
| 7   | 985                                    |
| 8   | 985                                    |
| 9   | 985                                    |
| 10  | 985                                    |
| 11  | 985                                    |
| 12  | 985                                    |
| 13  | 984                                    |
| 14  | 985                                    |
| 15  | 835                                    |
| 16  | 0                                      |

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 17  | 0                                      |
| 18  | 0                                      |
| 19  | 71                                     |
| 20  | 190                                    |
| 21  | 506                                    |
| 22  | 591                                    |
| 23  | 902                                    |
| 24  | 923                                    |
| 25  | 933                                    |
| 26  | 969                                    |
| 27  | 985                                    |
| 28  | 982                                    |
| 29  | 982                                    |
| 30  | 982                                    |
| 31  | 982                                    |

**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 02-01-93

COMPLETED BY L. Kelly

TELEPHONE (914) 736-8340

REPORT MONTH January 1993

| NO. | DATE   | TYPE<br>1 | DURATION<br>(HOURS) | REASON<br>2 | SHUTTING<br>DOWN<br>REACTOR<br>3 | LICENSEE<br>EVENT<br>REPORT # | SYSTEM<br>CODE<br>4 | COMPONENT<br>CODE<br>5 | CAUSE & CORRECTIVE<br>ACTION TO PREVENT<br>RECURRENCE  |
|-----|--------|-----------|---------------------|-------------|----------------------------------|-------------------------------|---------------------|------------------------|--|
| 1   | 930116 | S         | 84.45               | B           | 1                                | N/A                           | HA                  | TURBIN                 | THE UNIT WAS<br>MANUALLY SECURED IN<br>ORDER TO CONDUCT<br>MAINTENANCE AND<br>REBALANCE THE UNIT<br>MAIN TURBINE<br>GENERATOR. |

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

JANUARY 1993

Indian Point Unit No. 3 was synchronized to the bus for a total of 659.55 hours, producing a gross generation of 611,990 MWe.

On January 15, at 1612 hours, a load reduction commenced in order to remove the unit from service for scheduled maintenance on the units Main Turbine Generator. The unit was manually secured on January 16, at 0005. The reactor was secured at 0032 hours.

On January 9, a plant operator detected a small weld leak, approximately 2 drops per minute, on a 1/2 inch instrument tap socket weld on the component cooling water system. Repairs delayed returning the unit to service. After the weld leak repair was performed and the balancing work was completed on the Main Turbine Generator, the reactor was brought critical on January 19, at 0240 hours. The unit was synchronized to the bus at 1232 hours.

On January 21, 1015 hours, plant load escalation was delayed because of No. 32 Main Boiler Feed Pumps (MBFP) speed control oscillations. Plant load was stabilized at approximately 600 MWe. After necessary repairs were completed, No. 32 MBFP was returned to service and a plant load escalation commenced. The load escalation was delayed because the plant's normal feed flow measuring device was out of service. Plant load was established at approximately 950 MWe. After necessary repairs were made, the normal feed flow measuring device was returned to service on January 26, at 2145 hours. The unit then achieved full load at 2235 hours, and remained at full load for the remainder of the reporting period.