

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



**New York Power  
Authority**

February 2, 1990  
IP3-90-009  
IP3-90-010W

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 January 1990.

Very truly yours,

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

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

JER:SS:JB:sd:6:15

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

9002220218 900131  
PDR ADOCK 05000286  
R PDC

IE24  
11

OPERATING DATA REPORT

Docket No. 50-286  
 Date 02-02-90  
 Completed By S. Smith  
 Telephone 914-736-8340

OPERATING STATUS

- |  |       |  |
|--|-------|--|
| <p>1. Unit Name: <u>Indian Point No. 3 Nuclear Power Plant</u></p> <p>2. Reporting Period: <u>January 1990</u></p> <p>3. Licensed Thermal Power (MWt): <u>3025</u></p> <p>4. Nameplate Rating (Gross MWe): <u>1013</u></p> <p>5. Design Electrical Rating (Net MWe): <u>965</u></p> <p>6. Maximum Dependable Capacity (Gross MWe): <u>1000</u></p> <p>7. Maximum Dependable Capacity (Net MWe): <u>965</u></p> | 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               | <u>744</u>       | <u>744</u>       | <u>117,673</u>     |
| 12. Number of Hours Reactor Was Critical    | <u>744</u>       | <u>744</u>       | <u>72,753.88</u>   |
| 13. Reactor Reserve Shutdown Hours          | <u>0</u>         | <u>0</u>         | <u>0</u>           |
| 14. Hours Generator On-Line                 | <u>744</u>       | <u>744</u>       | <u>70,705.75</u>   |
| 15. Unit Reserve Shutdown Hours             | <u>0</u>         | <u>0</u>         | <u>0</u>           |
| 16. Gross Thermal Energy Generated (MWH)    | <u>2,227,573</u> | <u>2,227,573</u> | <u>199,728,539</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>746,390</u>   | <u>746,390</u>   | <u>61,194,725</u>  |
| 18. Net Electrical Generated (MWH)          | <u>722,470</u>   | <u>722,470</u>   | <u>58,793,917</u>  |
| 19. Unit Service Factor                     | <u>100</u>       | <u>100</u>       | <u>60.1</u>        |
| 20. Unit Availability Factor                | <u>100</u>       | <u>100</u>       | <u>60.1</u>        |
| 21. Unit Capacity Factor (Using MDC Net)    | <u>100.6</u>     | <u>100.6</u>     | <u>53.4 *</u>      |
| 22. Unit Capacity Factor (Using DER Net)    | <u>100.6</u>     | <u>100.6</u>     | <u>51.8</u>        |
| 23. Unit Forced Outage Rate                 | <u>0</u>         | <u>0</u>         | <u>16.7</u>        |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): \* Weighted Average  
A 3 week mid-cycle Maintenance outage is planned for March 1990

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 02-02-90  
 COMPLETED BY S. Smith  
 TELEPHONE (914) 736-8340

MONTH January 1990

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 1   | 981                                    |
| 2   | 979                                    |
| 3   | 978                                    |
| 4   | 977                                    |
| 5   | 981                                    |
| 6   | 983                                    |
| 7   | 983                                    |
| 8   | 981                                    |
| 9   | 982                                    |
| 10  | 982                                    |
| 11  | 981                                    |
| 12  | 985                                    |
| 13  | 978                                    |
| 14  | 978                                    |
| 15  | 979                                    |
| 16  | 979                                    |

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 17  | 966                                    |
| 18  | 873                                    |
| 19  | 878                                    |
| 20  | 899                                    |
| 21  | 980                                    |
| 22  | 983                                    |
| 23  | 981                                    |
| 24  | 980                                    |
| 25  | 981                                    |
| 26  | 983                                    |
| 27  | 984                                    |
| 28  | 983                                    |
| 29  | 982                                    |
| 30  | 981                                    |
| 31  | 981                                    |

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.

SUMMARY OF OPERATING EXPERIENCE

JANUARY 1990

Indian Point Unit No. 3 was synchronized to the bus for a total of 744 hours, producing a gross generation of 746,390 MWe.

On January 17, at 2135 hours, No. 31 Condensate Pump tripped. Unit load was reduced to and stabilized at 830 MWe at 2217 hours. After the plant was stabilized, a load increase to 890 MWe began.

Investigation of the No. 31 Condensate Pump trip revealed that the motor tripped on over-current due to a faulty connection at a motor lead. The pump and the motor were replaced with spares and was returned to service at 1720 hours, on January 20. At 2030 hours, the unit achieved full load.

The unit remained on line at full load for the remainder of the reporting period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-286  
 UNIT NAME Indian Point 3  
 DATE 02-02-90  
 TELEPHONE (914) 735-8000

REPORT MONTH JANUARY 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 |
|-----|------|------|------------------|----------|-----------------------------------|-------------------------|-------------|------------------|---|
|     | NONE |      |                  |          |                                   |                         |             |                  |   |

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