

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511  
914 736.8001



Robert J. Barrett  
Site Executive Officer

January 13 , 2000  
IPN-00- 003

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
License No. DPR-64  
**Monthly Operating Report for December 1999**

Dear Sir:

The attached monthly operating report, for the month of December 1999, is hereby submitted in accordance with Indian Point 3 Nuclear Power Plant Technical Specification 6.9.1.4.

The Authority is making no commitments in this letter.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'R. Barrett'.

Robert J. Barrett  
Site Executive Officer  
Indian Point 3 Nuclear Power Plant

cc: See next page

JE24

Attachments

cc: Mr. Hubert J. Miller  
Regional Administrator  
Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406-1415

Resident Inspector's Office  
Indian Point Unit 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 337  
Buchanan, NY 10511

U.S. Nuclear Regulatory Commission  
ATTN: Director, Office of Information Resource Management  
Washington, D.C. 20555

INPO Records Center  
700 Galleria Parkway  
Atlanta, Georgia 30339-5957

OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE: 1-3-00  
 COMPLETED BY: T. Orlando  
 TELEPHONE NO: (914) 736-8340  
 LETTER NO: IPN-00-003  
 ATTACHMENT I  
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OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: December 1999
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        | 8760       | 204,697     |
| 12. Number Of Hours Reactor Was Critical    | 744        | 7736.31    | 120,728.37  |
| 13. Reactor Reserve Shutdown Hours          | 0          | 0          | 0           |
| 14. Hours Generator On-Line                 | 744        | 7661.87    | 118,065.18  |
| 15. Unit Reserve Shutdown Hours             | 0          | 0          | 0           |
| 16. Gross Thermal Energy Generated (MWH)    | 2,248,476  | 22,498,324 | 336,552,454 |
| 17. Gross Electrical Energy Generated (MWH) | 759,640    | 7,522,360  | 106,953,865 |
| 18. Net Electrical Energy Generated (MWH)   | 736,105    | 7,269,170  | 102,965,220 |
| 19. Unit Service Factor                     | 100.0      | 87.5       | 57.7        |
| 20. Unit Availability Factor                | 100.0      | 87.5       | 57.7        |
| 21. Unit Capacity factor (Using MDC Net)    | 102.5      | 86.0       | 53.1*       |
| 22. Unit Capacity Factor (Using DER Net)    | 102.5      | 86.0       | 52.1        |
| 23. Unit Forced Outage Rate                 | 0          | 1.3        | 26.6        |

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

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 | _____    | _____    |

\* Weighted Average

AVERAGE DAILY UNIT POWER LEVEL

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MONTH December 1999

| DAY | AVERAGE DAILY POWER | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|---------------------|-----|--|
| 1   | <u>990</u>          | 17  | <u>991</u>                             |
| 2   | <u>988</u>          | 18  | <u>991</u>                             |
| 3   | <u>988</u>          | 19  | <u>991</u>                             |
| 4   | <u>990</u>          | 20  | <u>990</u>                             |
| 5   | <u>990</u>          | 21  | <u>990</u>                             |
| 6   | <u>990</u>          | 22  | <u>989</u>                             |
| 7   | <u>988</u>          | 23  | <u>989</u>                             |
| 8   | <u>989</u>          | 24  | <u>989</u>                             |
| 9   | <u>989</u>          | 25  | <u>990</u>                             |
| 10  | <u>988</u>          | 26  | <u>990</u>                             |
| 11  | <u>989</u>          | 27  | <u>990</u>                             |
| 12  | <u>989</u>          | 28  | <u>990</u>                             |
| 13  | <u>988</u>          | 29  | <u>990</u>                             |
| 14  | <u>989</u>          | 30  | <u>990</u>                             |
| 15  | <u>988</u>          | 31  | <u>991</u>                             |
| 16  | <u>989</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.

DOCKET NO. 50-286  
 UNIT NAME: INDIAN POINT NO. 3  
 DATE: 1-3-00  
 COMPLETED BY: T. Orlando  
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 LETTER NO: IPN-00-003  
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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH December 1999

| NO. | DATE | TYPE<br>1 | DURATION<br>(HOURS) | REASON<br>2 | METHOD OF<br>SHUTTING<br>DOWN<br>REACTOR 3 | LICENSEE EVENT<br>REPORT # | SYSTEM<br>CODE<br>4 | COMPONENT<br>CODE<br>5 | CAUSE & CORRECTIVE ACTION TO<br>PREVENT RECURRENCE |
|-----|------|-----------|---------------------|-------------|--|----------------------------|---------------------|------------------------|--|
|     | None |           |                     |             |  |                            |                     |                        |  |

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A- Equipment  
 B- Maintenance or Test  
 C- Refueling  
 D- Regulatory Restriction  
 E- Operator Training & Licensee Examination  
 F- Administrative  
 G- Operational Error  
 H- Other (Explain)

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

4  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File  
 (NUREG - 0161)

5  
 Exhibit 1 -  
 Same Source

DOCKET NO. 50-286  
UNIT NAME Indian Point 3  
DATE: 1-3-00  
LETTER NO. IPN-00-003  
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## SUMMARY OF OPERATING EXPERIENCE

December 1999

The Indian Point Unit No. 3 Nuclear Power Plant was synchronized to the bus for a total of 744 hours, producing a gross generation of 759, 640 MWH.