

Stephen E. Quinn  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Avenue  
Buchanan, NY 10511  
Telephone (914) 734-5340

May 15, 1997

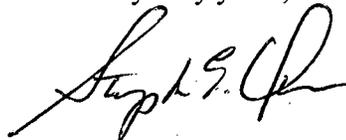
Re: Indian Point Station  
Docket No. 50-247

Document Control Desk  
US Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for April 1997.

Very truly yours,



Enclosure

cc: Mr. Hubert J. Miller  
Regional Administrator - Region I  
US Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Senior Resident Inspector  
US Nuclear Regulatory Commission  
PO Box 38  
Buchanan, NY 10511

Mr. Paul Eddy  
State of New York Public Service Commission  
Department of Public Service  
3 Empire Plaza  
Albany, NY 12223

IE24 11

270036



9705280068 970430  
PDR ADOCK 05000247  
R PDR

## SUMMARY OF OPERATING EXPERIENCE

### April 1997

Unit 2 began the month of April at 100% reactor power until April 2 when at 0945 hrs. a loss of D.C. control power to #21 Emergency Diesel Generator occurred. With #23 Emergency Diesel also inoperable, a Unit shutdown commenced at 1044 hrs. to comply with Technical Specifications. Reactor power was decreased to approximately 42%. At 1435 hrs. #23 Emergency Diesel was declared operable prompting plans for power ascension at 1440 hrs. On April 3, 100% reactor power was attained at approximately 0105 hrs.

On April 24, 1997 at 1123 hrs. control power to #23 Emergency Diesel was lost due to a jacket water pressure switch problem. Since #22 Emergency Diesel was also out of service, a Unit shutdown commenced at 1210 hrs. By approximately 1900 hrs. reactor power had been reduced to approximately 9%. After declaring #23 Emergency Diesel operable, reactor power was then increased at approximately 2000 hrs.

Reactor power was stabilized at 28% on April 25 at approximately 0230 hrs. to satisfy chemistry requirements. At 0825 hrs. this chemistry hold was cleared followed by the resumption of power escalation. Escalation continued until 1430 hrs. when power was held at 48% to resolve an instrumentation issue. Power escalation continued on April 26 at approximately 0545 hrs. Full power was achieved on April 27 at approximately 0440 hrs.

On April 30 a unit shutdown commenced at 1800 hrs. due to #22 Emergency Diesel inoperability and remained shutdown for the remainder of the day.

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE: May 12, 1997  
 COMPLETED BY: J Xenakis  
 TELEPHONE (914) 734-5155

## OPERATING STATUS

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

1. Unit Name : Indian Point Unit #2
2. Reporting Period : April 1997
3. Licensed Thermal Power (Mwt) : 3071.4
4. Nameplate Rating (Gross Mwe) : 1008
5. Design Electrical Rating (Net Mwe) : 986
6. Maximum Dependable Capacity. (Gross Mwe) : \*965
7. Maximum Dependable Capacity (Net Mwe) : \*931

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons :

**\*The above changes reflect summer ratings effective 4/6/97**

9. Power Level To Which Restricted, If Any (Net Mwe) : \_\_\_\_\_
10. Reasons For Restrictions, If Any : \_\_\_\_\_

|  | <u>This Month</u> | <u>Yr.-to-Date</u> | <u>Cumulative</u> |
|--|-------------------|--------------------|-------------------|
| 11. Hours in Reporting Period  | 719               | 2879               | 200160            |
| 12. Number of Hours Reactor Was Critical                                       | 719               | 1740.83            | 144286.35         |
| 13. Reactor Reserve Shutdwn Hours  | 0                 | 131.87             | 4566.64           |
| 14. Hours Generator On-Line  | 719               | 1725.11            | 140832.01         |
| 15. Unit Reserve Shutdown Hours  | 0                 | 0                  | 0                 |
| 16. Gross Thermal Energy Generated (MWH)                                       | 2091476           | 5104077            | 392082364         |
| 17. Gross Electrical Energy Generated (MWH)                                    | 680848            | 1666165            | 121204923         |
| 18. Net Electrical Energy Generated (MWH)                                      | 655843            | 1589145            | 116082919         |
| 19. Unit Service Factor  | 100.0             | 59.9               | 70.4              |
| 20. Unit Availability Factor   | 100.0             | 59.9               | 70.4              |
| 21. Unit Capacity Factor (Using MDC Net)                                       | 97.6              | 58.3               | 65.8              |
| 22. Unit Capacity Factor (Using DER Net)                                       | 92.5              | 56.0               | 63.8              |
| 23. Unit Forced Outage Rate  | 0                 | 40.1               | 6.8               |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): |                   |                    |                   |

**Refueling outage scheduled for 5/2/97 with an estimated duration of 56 days**

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

|  |            |            |
|--|------------|------------|
| 26. Units In Test Status (Prior to Commercial Operation) : | Forecast   | Acheieved  |
| INITAIL CRITICALITY  | <u>N/A</u> | <u>N/A</u> |
| INITIAL ELECTRICITY  | <u>N/A</u> | <u>N/A</u> |
| COMMERCIAL OPERATION                                       | <u>N/A</u> | <u>N/A</u> |

(9/77)

AVERAGE DAILY POWER LEVEL

DOCKET NO. 50-247  
UNIT I.P. Unit #2  
DATE May 12, 1997  
COMPLETED BY J. Xenakis  
TELEPHONE (914)734-5155

MONTH April 1997

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u><br>(Mwe-Net) | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL</u><br>(Mwe-Net) |
|------------|---|------------|---|
| 1          | <u>970</u>                                    | 17         | <u>971</u>                                    |
| 2          | <u>771</u>                                    | 18         | <u>971</u>                                    |
| 3          | <u>970</u>                                    | 19         | <u>970</u>                                    |
| 4          | <u>972</u>                                    | 20         | <u>970</u>                                    |
| 5          | <u>971</u>                                    | 21         | <u>971</u>                                    |
| 6          | <u>973</u>                                    | 22         | <u>970</u>                                    |
| 7          | <u>969</u>                                    | 23         | <u>971</u>                                    |
| 8          | <u>971</u>                                    | 24         | <u>603</u>                                    |
| 9          | <u>970</u>                                    | 25         | <u>277</u>                                    |
| 10         | <u>972</u>                                    | 26         | <u>614</u>                                    |
| 11         | <u>973</u>                                    | 27         | <u>963</u>                                    |
| 12         | <u>969</u>                                    | 28         | <u>966</u>                                    |
| 13         | <u>970</u>                                    | 29         | <u>968</u>                                    |
| 14         | <u>970</u>                                    | 30         | <u>846</u>                                    |
| 15         | <u>971</u>                                    | 31         | <u>0</u>                                      |
| 16         | <u>972</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.

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. : 50-247  
 UNIT : Indian Point 2  
 DATE: May 12, 1997  
 COMPLETED BY : J. Xenakis  
 TELEPHONE: 914 734 5155

REPORT MONTH April 1977

| No. | Date   | Type(1) | Duration<br>(Hours) | Reason(2) | Method of<br>Shutting<br>Down<br>Reactor<br>(3) | Licensee<br>Event<br>Report # | System Code<br>(4) | Component<br>Code (5) | Cause & Corrective<br>Action to<br>Prevent Recurrence   |
|-----|--------|---------|---------------------|-----------|---|-------------------------------|--------------------|-----------------------|---|
| NA  | 970402 | F       | 0                   | A         | 4   |                               | EE                 | (INSTRU)<br>S         | Loss of D.C. power to 21 Emerg. Diesel Gen. Rx remained critical  |
| NA  | 970424 | F       | 0                   | A         | 4   |                               | EE                 | (INSTRU)<br>S         | Loss of power to 23 Emerg. Diesel Gen. due to malfunction of jacket water press switch. Rx remained critical  |
| NA  | 970425 | F       | 0                   | H         | 4   |                               | HH                 | HTEXCH<br>F           | 30% Chemistry hold during power ascension   |
| NA  | 970425 | F       | 0                   | H         | 4   |                               | RC                 | (ZZZZZ)               | Tech. Spec. Hold due to xenon being out of band. Rx remained critical   |
| NA  | 970430 | F       | 0                   | A         | 4   |                               | EE                 | (INSTRU)<br>S         | Commenced Unit Shutdown due to inoperable Emerg. Diesel Gen: Continuing problem with jacket water press. Switch. Unit off line on 5/1/97 @ 00:01Hrs |

(1)

F: Forced  
S: Scheduled

(2)

Reason :  
 A: Equipment Failure (Explain)  
 B: Maintenance or 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 G-Instructions for Preparation of  
 Data Entry Sheets for Licensee Event  
 Report (LER) File (NUREG-0161)

(5)

Exhibit I - Same Source

(9/77)

MAJOR SAFETY RELATED MAINTENANCE

| <u>W.O. #</u> | <u>SYSTEM</u> | <u>COMPONENT</u> | <u>DATE COMPLETED</u> | <u>WORK PERFORMED</u>              |
|---------------|---------------|------------------|-----------------------|------------------------------------|
| 90736         | EDG           | #23EDG           | 04.24.97              | REPLACED JACKET WATER PRESS SWITCH |
| 87499         | EDG           | #21EDG           | 04.04.97              | REPLACED JACKET WATER PRESS SWITCH |