

November 29, 2000

Mr. A. Alan Blind  
Vice President - Nuclear Power  
Consolidated Edison Company of  
New York, Inc.  
Indian Point 2 Station  
Broadway and Bleakley Avenue  
Buchanan, NY 10511

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
INDIAN POINT UNIT 2

Dear Mr. Blind:

On November 9, 2000, the NRC staff completed its Mid-Cycle plant performance assessment of Indian Point Unit 2. The Mid-Cycle Review for Indian Point Unit 2 involved the participation of the responsible technical divisions in Region I in evaluating performance indicators (PIs) and inspection results for the period of April 2, 2000 through September 30, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period. Secondly, our plans for future inspections at your facility are attached, to enable you to prepare for these inspections and to inform us of any potential conflicts with other plant activities.

Plant performance for the most recent quarter was in the Multiple/Repetitive Degraded Cornerstone column of the NRC's Action Matrix based on several performance indicators (PI) and inspection findings in the initiating events, mitigating systems, and emergency preparedness cornerstones. These degraded cornerstones were associated with performance problems identified during an August 1999 reactor trip with electrical distribution system complications, a February 2000 steam generator tube failure (SGTF), and emergency preparedness drills and exercises. Recently, in a November 20, 2000 letter, the NRC completed its final significance determination of the SGTF, and concluded that deficiencies in the overall direction and execution of 1997 steam generator (SG) in-service examinations constituted a red finding, an issue of high safety significance.

This Multiple/Repetitive Degraded Cornerstone assessment is consistent with that described in our October 10, 2000, Assessment Follow-up letter in which we summarized NRC's plans for overseeing your performance improvement efforts at Indian Point 2. The NRC is conducting a number of activities above the NRC baseline, including monitoring the plant's improvement plan and conducting Inspection Procedure 95003, Supplemental Procedure for Multiple/Repetitive Degraded Cornerstones. Some of the specific oversight activities include: review of your system readiness walkdowns, review of the 125 VDC Safety System Functional Assessment (SSFA), review of foreign material exclusion (FME) controls, final reviews of the steam generator

replacement activities, and augmented restart coverage. These oversight activities also account for the fact that some of the plant's PI data is not applicable due to the ongoing extended shutdown. Further adjustments to NRC Inspections or additional agency actions may be needed in the upcoming months as we obtain results from our continuing evaluations and the 95003 inspection.

Enclosure 1 details the currently scheduled inspections that will occur through September 30, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plans are preliminary and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Pete Eselgroth at 610-337-5234 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Hubert J. Miller  
Regional Administrator

Docket No. 05000247  
License No. DPR-26

Enclosure: Indian Point Unit 2 Inspection/ Activity Plan

cc w/encl:

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Mr. A. Alan Blind

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| OFFICE | RI/DRP     | N | RI/DRP         | N | RI/DRS      | N | RI/DRP      | RI/RA      |
|--------|------------|---|----------------|---|-------------|---|-------------|------------|
| NAME   | SBarber/SB |   | PEselgroth/PWE |   | BHolian/BEH |   | ABlough/ARB | HMiller/HM |
| DATE   | 11/15/00   |   | 11/28/00       |   | 11/16/00    |   | 11/28/00    | 11/29/00   |

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**Indian Point**  
**Inspection / Activity Plan**  
**10/01/2000 - 09/29/2001**

ENCLOSURE

| Unit Number | Inspection Activity | Title   | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type      |
|-------------|---------------------|---|----------------------|---------------------|-------------------|----------------------|
|             | <b>71152</b>        | <b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>    | <b>7</b>             |                     |                   |                      |
| 2           | IP 71152            | Identification and Resolution of Problems           |                      | 10/16/2000          | 10/20/2000        | Baseline Inspections |
|             | <b>71152OA</b>      | <b>- PROBLEM RESOLUTION INITIATIVE</b>              | <b>2</b>             |                     |                   |                      |
| 2           | IP 71152            | Identification and Resolution of Problems           |                      | 10/02/2000          | 10/06/2000        | Other Routine        |
| 2           | IP 71152            | Identification and Resolution of Problems           |                      | 10/16/2000          | 10/20/2000        | Other Routine        |
|             | <b>50001</b>        | <b>- SGRP INSPECTION</b>                            | <b>1</b>             |                     |                   |                      |
| 2           | IP 50001            | Steam Generator Replacement Inspection              |                      | 10/02/2000          | 10/06/2000        | Supplemental Program |
|             | <b>50001OA</b>      | <b>- NRC OVERSIGHT-SG REPLACEMENT ACTIVITIES</b>    | <b>3</b>             |                     |                   |                      |
| 2           | IP 50001            | Steam Generator Replacement Inspection              |                      | 10/02/2000          | 12/01/2000        | Regional Initiative  |
|             | <b>7111111</b>      | <b>- LIC OPER RQ INSP</b>                           | <b>3</b>             |                     |                   |                      |
| 2           | IP 7111111B         | Licensed Operator Requalification                   |                      | 10/16/2000          | 10/20/2000        | Baseline Inspections |
| 2           | IP 7111111B         | Licensed Operator Requalification                   |                      | 11/16/2000          | 11/16/2000        | Baseline Inspections |
|             | <b>71151OA</b>      | <b>- NRC OVERSIGHT - FME, RCS LEAK RATE CALCS</b>   | <b>2</b>             |                     |                   |                      |
| 2           | IP 71151            | Performance Indicator Verification                  |                      | 11/01/2000          | 12/15/2000        | Other Routine        |
|             | <b>71121</b>        | <b>- OCCUPATIONAL RAD SAFETY</b>                    | <b>1</b>             |                     |                   |                      |
| 2           | IP 7112101          | Access Control to Radiologically Significant Areas  |                      | 11/13/2000          | 11/17/2000        | Baseline Inspections |
| 2           | IP 7112102          | ALARA Planning and Controls                         |                      | 11/13/2000          | 11/17/2000        | Baseline Inspections |
| 2           | IP 7112103          | Radiation Monitoring Instrumentation                |                      | 11/13/2000          | 11/17/2000        | Baseline Inspections |
| 2           | IP 71151            | Performance Indicator Verification                  |                      | 11/13/2000          | 11/17/2000        | Baseline Inspections |
|             | <b>711104OA</b>     | <b>- NRC OVERSIGHT-SYSTEM WALKDOWN &amp; HEALTH</b> | <b>4</b>             |                     |                   |                      |
| 2           | IP 711104S          | Equipment Alignment                                 |                      | 11/07/2000          | 11/10/2000        | Other Routine        |
| 2           | IP 7111121          | Safety System Design and Performance Capability     |                      | 11/07/2000          | 11/10/2000        | Other Routine        |
| 2           | IP 711104S          | Equipment Alignment                                 |                      | 11/21/2000          | 11/22/2000        | Other Routine        |
| 2           | IP 7111121          | Safety System Design and Performance Capability     |                      | 11/21/2000          | 11/22/2000        | Other Routine        |
|             | <b>711121OA</b>     | <b>- NRC OVERSIGHT-125 VDC SSFA</b>                 | <b>2</b>             |                     |                   |                      |
| 2           | IP 711104S          | Equipment Alignment                                 |                      | 11/13/2000          | 11/17/2000        | Other Routine        |
| 2           | IP 7111121          | Safety System Design and Performance Capability     |                      | 11/13/2000          | 11/17/2000        | Other Routine        |
|             | <b>711121OA</b>     | <b>- NRC OVERSIGHT-INDEPENDENT SYSTEM REVIEW</b>    | <b>3</b>             |                     |                   |                      |
| 2           | IP 711104S          | Equipment Alignment                                 |                      | 11/27/2000          | 12/01/2000        | Other Routine        |
| 2           | IP 7111121          | Safety System Design and Performance Capability     |                      | 11/27/2000          | 12/01/2000        | Other Routine        |
|             | <b>71715OA</b>      | <b>- NRC OVERSIGHT-RESTART COVERAGE</b>             | <b>5</b>             |                     |                   |                      |
| 2           | IP 71715            | Sustained Control Room And Plant Observation        |                      | 12/03/2000          | 01/13/2001        | Other Routine        |
|             | <b>71715</b>        | <b>- INDIAN POINT RESTART COVERAGE</b>              | <b>1</b>             |                     |                   |                      |
| 2           | IP 71715            | Sustained Control Room And Plant Observation        |                      | 12/04/2000          | 12/08/2000        | Other Routine        |

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Indian Point**  
**Inspection / Activity Plan**  
**10/01/2000 - 09/29/2001**

| Unit<br>Number  | Inspection Activity | Title  | No. of Staff<br>on Site | Planned Dates |            | Inspection<br>Type   |
|---|---------------------|--|-------------------------|---------------|------------|----------------------|
|   |                     |  |                         | Start         | End        |                      |
| <b>95003 - MULTIPLE/REPETITIVE DEGRADE CORNERSTONES</b> |                     |  | <b>16</b>               |               |            |                      |
| 2   | IP 95003            | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Ye |                         | 01/16/2001    | 01/20/2001 | Supplemental Program |
| 2   | IP 95003            | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Ye |                         | 01/22/2001    | 01/26/2001 | Supplemental Program |
| 2   | IP 95003            | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Ye |                         | 02/05/2001    | 02/09/2001 | Supplemental Program |
| <b>71121 - OCCUPATIONAL RAD SAFETY</b>                  |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 7112101          | Access Control to Radiologically Significant Areas   |                         | 01/29/2001    | 02/02/2001 | Baseline Inspections |
| 2   | IP 7112102          | ALARA Planning and Controls  |                         | 01/29/2001    | 02/02/2001 | Baseline Inspections |
| 2   | IP 71151            | Performance Indicator Verification   |                         | 01/29/2001    | 02/02/2001 | Baseline Inspections |
| <b>711107B - HEAT SINK</b>                              |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 711107B          | Heat Sink Performance  |                         | 03/19/2001    | 03/23/2001 | Baseline Inspections |
| <b>711105T - FIRE PROTECTION</b>                        |                     |  | <b>3</b>                |               |            |                      |
| 2   | IP 711105T          | Fire Protection  |                         | 04/09/2001    | 04/13/2001 | Baseline Inspections |
| 2   | IP 711105T          | Fire Protection  |                         | 04/23/2001    | 04/27/2001 | Baseline Inspections |
| <b>71121 - OCC RAD SAFETY</b>                           |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 7112101          | Access Control to Radiologically Significant Areas   |                         | 04/16/2001    | 04/20/2001 | Baseline Inspections |
| 2   | IP 7112102          | ALARA Planning and Controls  |                         | 04/16/2001    | 04/20/2001 | Baseline Inspections |
| 2   | IP 7112103          | Radiation Monitoring Instrumentation   |                         | 04/16/2001    | 04/20/2001 | Baseline Inspections |
| 2   | IP 71151            | Performance Indicator Verification   |                         | 04/16/2001    | 04/20/2001 | Baseline Inspections |
| <b>71130 - SECURITY</b>                                 |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 7113001          | Access Authorization Program (Behavior Observation Only)                                     |                         | 05/21/2001    | 05/25/2001 | Baseline Inspections |
| 2   | IP 7113002          | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio |                         | 05/21/2001    | 05/25/2001 | Baseline Inspections |
| <b>79 EXAM - INIT OPER LIC EXAM</b>                     |                     |  | <b>3</b>                |               |            |                      |
| 2   | U01240              | INDIAN POINT 2 INITIAL EXAM  |                         | 06/11/2001    | 06/15/2001 | Not Applicable       |
| 2   | U01240              | INDIAN POINT 2 INITIAL EXAM  |                         | 07/09/2001    | 07/13/2001 | Not Applicable       |
| <b>711112B - MAINT RULE</b>                             |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 711112B          | Maintenance Rule Implementation  |                         | 06/11/2001    | 06/15/2001 | Baseline Inspections |
| <b>7111401 - EP EXERCISE EVALUATION</b>                 |                     |  | <b>2</b>                |               |            |                      |
| 2   | IP 7111401          | Exercise Evaluation  |                         | 06/18/2001    | 06/22/2001 | Baseline Inspections |
| <b>71121 - OCC RAD SAFETY</b>                           |                     |  | <b>1</b>                |               |            |                      |
| 2   | IP 7112101          | Access Control to Radiologically Significant Areas   |                         | 07/09/2001    | 07/13/2001 | Baseline Inspections |
| 2   | IP 7112102          | ALARA Planning and Controls  |                         | 07/09/2001    | 07/13/2001 | Baseline Inspections |
| 2   | IP 7112103          | Radiation Monitoring Instrumentation   |                         | 07/09/2001    | 07/13/2001 | Baseline Inspections |
| 2   | IP 71151            | Performance Indicator Verification   |                         | 07/09/2001    | 07/13/2001 | Baseline Inspections |
| <b>71152 - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>  |                     |  | <b>4</b>                |               |            |                      |
| 2   | IP 71152            | Identification and Resolution of Problems  |                         | 09/10/2001    | 09/14/2001 | Baseline Inspections |

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Indian Point  
Inspection / Activity Plan  
10/01/2000 - 09/29/2001

| Unit Number | Inspection Activity                                     | Title                                     | No. of Staff on Site | Planned Dates<br>Start End |            | Inspection Type      |
|-------------|---|---|----------------------|----------------------------|------------|----------------------|
| 2           | 71152 - PROBLEM IDENTIFICATION & RESOLUTION<br>IP 71152 | Identification and Resolution of Problems | 4                    | 09/24/2001                 | 09/28/2001 | Baseline Inspections |

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