

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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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 Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>95003</b>	<b>- 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</b>	<b>- 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</b>	<b>- HEAT SINK</b>	<b>1</b>			
2	IP 711107B	Heat Sink Performance		03/19/2001	03/23/2001	Baseline Inspections
	<b>711105T</b>	<b>- 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</b>	<b>- 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</b>	<b>- 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>7/9 EXAM</b>	<b>- 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</b>	<b>- MAINT RULE</b>	<b>1</b>			
2	IP 711112B	Maintenance Rule Implementation		06/11/2001	06/15/2001	Baseline Inspections
	<b>7111401</b>	<b>- EP EXERCISE EVALUATION</b>	<b>2</b>			
2	IP 7111401	Exercise Evaluation		06/18/2001	06/22/2001	Baseline Inspections
	<b>71121</b>	<b>- 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</b>	<b>- 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 Start End		Inspection Type
2	71152 - PROBLEM IDENTIFICATION & RESOLUTION IP 71152	Identification and Resolution of Problems	4	09/24/2001	09/28/2001	Baseline Inspections

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