

August 29, 2001

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: INDIAN POINT 2 SENIOR REACTOR OPERATOR INITIAL EXAMINATION  
REPORT NO. 50-247/01-301

Dear Mr. Blind:

This report transmits the results of the senior reactor operator (SRO) licensing examination conducted by the NRC during the period of July 6 - 13, 2001. This examination addressed areas important to public health and safety and was developed and administered using the guidelines of the "Examination Standards for Power Reactors" (NUREG-1021, Revision 8).

Based on the results of the examination, all nine applicants passed all portions of the examination. The nine applicants included 7 instant and 2 upgrade SROs. Examination results indicated that the applicants were well prepared for the examination. Mr. P. Bissett discussed performance insights observed during the examination with Mr. E. Libby and others on July 13, 2001. On August 1, 2001, final examination results, including individual license numbers, were given during a telephone call between Mr. P. Bissett and Mr. E. Libby.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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). These records include the final examination and are available in ADAMS (SRO Written-ML012290160; SRO Section A Operating-ML012290221; SRO Section B Operating-ML012290287; SRO Section C Operating-ML012290317). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Mr. A. Alan Blind

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Should you have any questions regarding this examination, please contact me at (610) 337-5183, or by E-mail at [RJC@NRC.GOV](mailto:RJC@NRC.GOV).

Sincerely,

**/RA/**

Richard J. Conte, Chief  
Operational Safety Branch  
Division of Reactor Safety

Docket No. 50-247  
License No. DPR-26

Enclosure: Initial Examination Report No. 50-247/01-301 w/Attachments 1-2

cc w/encl; w/Attachments 1-2:  
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cc w/o encl:

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The Honorable Sandra Galef, NYS Assembly  
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Public Citizen's Critical Mass Energy Project  
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Mr. A. Alan Blind

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Distribution w/encl; w/Attachments 1-2:  
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DATE	08/20/01		08/28/01		08/28/01		08/29/01		

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-247

License No: DPR-26

Report No: 50-247/01-301

Licensee: Consolidated Edison Company of New York, Inc.

Facility: Indian Point 2 Nuclear Power Station

Location: Broadway and Bleakley Avenue  
Buchanan, NY 10511

Dates: July 6, 2001 (Written Examination Administration)  
July 9 - 13, 2001 (Operating Test Administration)  
July 16 -20, 2001 (Examination Grading)

Examiners: P. Bissett, Senior Operations Engineer (Chief Examiner)  
B. Hughes, Senior Operations Engineer  
J. D'Antonio, Operations Engineer

Approved by: Richard J. Conte, Chief  
Operational Safety Branch  
Division of Reactor Safety

## SUMMARY OF FINDINGS

IR 05000247/2001-301; July 6 - 13, 2001; Indian Point 2 Nuclear Power Plant; Initial Operator Licensing Examination. Nine applicants (2 SRO upgrades, and 7 SRO instants) passed the examination.

The examination was conducted by two NRC region-based examiners and one NRR examiner. There were no inspection findings associated with the examination.

## Report Details

### 1. REACTOR SAFETY

#### Mitigating Systems -Senior Reactor Operator (SRO) Initial License Examination

##### a. Scope of Review

The NRC examination team reviewed the written and operating initial examination and post exam materials submitted by the IP2 training staff to verify or ensure, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 8 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors" and it met the overall quality goals (range of acceptability) of these standards. The review was conducted both in the Region I office and at the IP2 plant and training facility. Final resolution of comments and incorporation of test revisions was conducted during and following the onsite preparation week.
- Simulation facility operation was proper.
- Facility licensee completed a test item analysis on the written examination for feedback into the systems approach to training program.
- Examination security requirements were met.

The NRC examiners administered the operating portion of the examination to all nine applicants from July 9-13, 2001. The written examination was previously administered by the Indian Point 2 training staff on July 6, 2001.

##### b. Observations/Findings

#### Grading and Results

All nine applicants (7 instant and 2 upgrade SROs) passed all portions of the initial licensing examination.

The facility had one post-examination comment (see Attachments 1 and 2).

#### Examination Preparation and Quality

The examination was within the acceptable range.

#### Examination Administration and Performance

As a result of applicant performance errors exhibited while performing administrative JPM "Calculate and Record a Gas Radioactive Release," the NRC determined that there were human factoring problems associated with Attachment 1 to SOP 5.4.2, "GDT Manual Gaseous Release Permit." The licensee issued Condition Detail Report, #200107012, to evaluate and correct the problems associated with the attachment calculation sheet.

#### 4OA6 Exit Meeting Summary

On August 1, 2001, the NRC provided conclusions and examination results to Indian Point 2 Operations Training Manager, Mr. E. Libby, via telephone. License numbers for seven of nine applicants were also provided during this time. License numbers for the remaining two applicants were withheld pending completion of their 6 month on-site time experience. Mr. Libby was informed that when the NRC is notified, in writing, that the 6 month on-site time has been completed by these two individuals, their licenses would be issued.

The NRC also expressed appreciation for the cooperation and assistance that was provided during the preparation and administration of the examination by the licensee's training staff.

## KEY POINTS OF CONTACT

INDIAN POINT 2 NUCLEAR POWER PLANT

E. Libby	Manager, Operator Training
R. Brooks	Instructor, Operator Training

NRC

P. Bissett	Senior Operations Engineer
J. D'Antonio	Operations Engineer
B. Hughes	Senior Operations Engineer

## LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

<u>ITEM NUMBER</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
NONE		