

July 24, 2002

Mr. John L. Skolds  
President and CNO  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
5<sup>th</sup> Floor  
Warrenville, IL 60555

SUBJECT: LIMERICK UNITS 1&2 AND PEACH BOTTOM UNITS 2&3 SENIOR REACTOR  
OPERATOR LIMITED TO FUEL HANDLING INITIAL EXAMINATION REPORT  
NO. 50-352/2002-301; 50-353/2002-301; 50-277/2002-301; 50-278/2002-301

Dear Mr. Skolds:

This report transmits the results of the senior reactor operator limited to fuel handling (LSRO) licensing examination conducted by the NRC during the week of June 3, 2002. 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, Supplement 1).

Based on the results of the examination, three applicants passed all portions of the examination. One applicant passed all sections of the operating portion but failed the written portion of the initial licensing examination. Examination results indicated that the applicants were well prepared for the operational portion of the examination. Mr. A. Blamey discussed observations made during the examination with Mr. J. Stevens on June 6, 2002. On June 26, 2002, final examination results, including individual license numbers, were given during a telephone call between Mr. A. Blamey, Mr. C. Rich and Mr. T. Van Wyen.

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 (LSRO Written - Accession Number ML021700508; LSRO Operating Section A - Accession Number ML021700671; LSRO Operating Section B - Accession Number ML021710133 and ML021710497; and LSRO Operating Section C - Accession Number ML021710186). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/ADAMS.html> (the Public Electronic Reading Room).

Mr. John L. Skolds

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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.

Sincerely,

**/RA/**

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

Docket Nos. 50-352, 50-353  
50-277, 50-278

License Nos. NPF-39, NPF-85  
DPR-44, PDR-56

Enclosure: Initial Examination Report No. 50-352/2002-301, 50-353/2002-301, 50-277/2002-301, 50-278/2002-301

cc w/encl:

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President and CNO, Exelon Nuclear  
Senior Vice President - Nuclear Services  
Vice President - Mid-Atlantic Operations Support  
Chairman, Nuclear Safety Review Board  
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REGION I

Docket No(s): 50-352, 50-353  
50-277, 50-278

License No: NPF-39, NPF-85  
DRP-44, DRP-56

Report No: 50-352/2002-301, 50-353/2002-301,  
50-277/2002-301, 50-278/2002-301

Licensee: Exelon Nuclear

Facility: Limerick Generating Station  
Peach Bottom Atomic Power Station

Dates: May 31, 2002 (Written Examination Administration)  
June 3 - 6, 2002 (Operating Test Administration)  
June 10 - 14, 2002 (Examination Grading)

Examiners: A. Blamey, Senior Operations Engineer (Chief Examiner)  
C. Sisco, Operations Engineer

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

## SUMMARY OF FINDINGS

IR 05000352, 05000353, 05000277, 05000278/02-301; Exelon Nuclear; May 31, June 3 - 6, 2002; Limerick Generating Station & Peach Bottom Atomic Power Station; Initial Limited Operator Licensing Examination. Three of four applicants passed the examination.

The written examination was administered by the facility and the operating tests were administered by two NRC region-based examiners.

A. Inspector Identified Findings

No findings of significance were identified.

B. License Identified Findings

No findings of significance were identified.

## Report Details

### 1. REACTOR SAFETY

#### Mitigating Systems - Senior Reactor Operator Limited to Fuel Handling (LSRO) Initial License Examination

##### a. Scope of Review

The Limerick / Peach Bottom examination team developed the written and operating initial examinations and together with the NRC personnel, verified or ensured, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 8, Supplement 1 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." A review was conducted in the Region I office and at both the Limerick and Peach Bottom facilities. Final resolution of comments and incorporation of test revisions were conducted during and following the onsite preparation week.
- During the operation portion of the exam the refueling equipment operated properly.
- A test item analysis was completed 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 applicants from June 3, 2002 to June 6, 2002. The written examination was previously administered by the Limerick / Peach Bottom training staff on May 31, 2002.

##### b. Findings

#### Grading and Results

Three of the four LSRO passed all portions of the initial licensing examination. The fourth applicant passed all sections of the operating portion but failed the written portion of the initial licensing examination. The facility had no post-examination comments.

#### Examination Administration and Performance

No findings of significance were identified.

**4. OTHER ACTIVITIES**

4OA6 Exit Meeting Summary

On June 26, 2002, the NRC provided observations and examination results to Limerick and Peach Bottom management representatives via telephone. License numbers for three of four applicants were also provided during this time. One applicant passed all sections of the operating portion but failed the written portion of the initial licensing examination and therefore, was denied a license at this time.

The NRC 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**

LICENSEE

J. Stevens	Facility Author / Instructor, Operator Training
C. Rich	Manager, Operator Training

NRC

A. Blamey	Senior Operations Engineer
C. Sisco	Operations Engineer