

September 19, 2001

Mr. Oliver D. Kingsley  
President and CNO  
Exelon Nuclear  
Exelon Generation Company, LLC  
200 Exelon Way, KSA 3-E  
Kennett Square, PA 19348

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION REACTOR OPERATOR AND  
SENIOR REACTOR OPERATOR WRITTEN RETAKE EXAMINATION REPORT  
NO. 50-277/01-301

Dear Mr. Kingsley:

This report transmits the results of the senior reactor operator (SRO) licensing examination conducted August 13, 2001. This examination addressed areas important to public health and safety and was developed and administered using the NRC guidelines of the "Examination Standards for Power Reactors" (NUREG-1021, Revision 8, Supplement 1).

Based on the results of the examination, the SRO applicant passed the written retake examination. The final exam result was given during a telephone call on August 21, 2001.

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 written examination (Accession No. ML012530068). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

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. 50-277  
License No. DPR-44

Enclosure: Initial Examination Report No. 50-277/01-301

cc w/encl: J. Hagan, Senior Vice President, Mid-Atlantic Regional Operating Group  
J. Cotton, Senior Vice President, Operations Support  
W. Bohlke, Senior Vice President, Nuclear Services  
J. Skolds, Chief Operating Officer  
J. Doering, Vice President, Peach Bottom Atomic Power Station  
G. Johnston, Plant Manager, Peach Bottom Atomic Power Station  
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D. Levin, Acting Secretary of Harford County Council  
R. Ochs, Maryland Safe Energy Coalition  
J. H. Walter, Chief Engineer, Public Service Commission of Maryland  
Mr. & Mrs. Dennis Hiebert, Peach Bottom Alliance  
Mr. & Mrs. Kip Adams  
Chief, Division of Nuclear Safety  
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Mr. Oliver D. Kingsley

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-277

Report No: 50-277/01-301

License No: DPR-44

Licensee: Exelon Generation Company, LLC

Facility: Peach Bottom Atomic Power Station

Location: Delta, PA

Dates: August 13, 2001 (Written Exam Administration)  
August 17, 2001 (Examination Grading)

Examiner: J. Williams, Senior Operations Engineer (Chief Examiner)

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

## SUMMARY OF FINDINGS

IR 05000277/01-301; on August 13, 2001; Peach Bottom Atomic Power Station; Initial Operator Licensing Written Retake Examination. One of one SRO applicant passed the written examination.

The written examination was administered by the facility licensee. There were no inspection findings associated with the examination.

## Report Details

### 1. **REACTOR SAFETY**

#### Mitigating Systems - Reactor Operator (RO) and Senior Reactor Operator (SRO) Initial License Examinations

##### a. Scope of Review

The NRC examination team reviewed the written (RO and SRO) initial examinations submitted by the Peach Bottom training staff to verify or ensure, as applicable, the following:

- The examinations were prepared and developed in accordance with the guidelines of Revision 8, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors" and they met the overall quality goals (range of acceptability) of these standards. The review was conducted in the Region I office. Final resolution of comments and incorporation of revisions was conducted during and following a telephone call on July 19, 2001.
- Facility licensee completed a test item analysis on the written exam for feedback into the systems approach to training program.
- Examination security requirements were met.

The written examination was administered by the Peach Bottom training staff on August 13, 2001.

##### b. Findings

#### Grading and Results

The SRO applicant passed the initial written retake examination.

The facility had no post-examination comments.

#### Examination Preparation and Quality

The examinations met the quality goals of NUREG-1021, Revision 8, Supplement 1.

#### Examination Administration and Performance

The RO written retake examination was not administered.

The facility licensee provided remediation on the missed subject areas during the post examination review.

#### 4OA6 Exit Meeting Summary

On August 21, 2001, the NRC provided conclusions and examination results to a Peach Bottom management representative, via telephone. The license number for the applicant who passed the exam was also provided during the telephone call.

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

## KEY POINTS OF CONTACT

PEACH BOTTOM ATOMIC POWER FACILITY

B. Birley      Manager, Operations Training  
P. Nielsen     NRC Exam Development Coordinator  
T. Van Wyen   Principal Requal Training Instructor and Manager, Operations Training

NRC

J. Williams     Senior Operations Engineer, Examiner/Inspector

## LIST OF ITEMS OPENED, CLOSED AND DISCUSSED

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