

April 8, 2005

Mr. Christopher M. Crane
President and CNO
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION UNITS 2 AND 3, REACTOR
OPERATOR AND SENIOR REACTOR OPERATOR INITIAL EXAMINATION
REPORT NO. 05000277/2005301 AND 05000278/2005301

Dear Mr. Crane:

This report transmits the results of the Reactor Operator (RO) and Senior Reactor Operator (SRO) licensing examination conducted by the NRC during the period of February 8-15, 2005. 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 9).

Based on the results of the examination, all 12 applicants passed all portions of the examination. The applicants included 4 ROs, 6 instant SROs and 2 upgrade SROs. Examination results indicated that the applicants were well prepared for the examination. On March 8, 2005, final examination results, including individual license numbers, were given during a telephone call between Mr. T. Fish and Mr. J. Popielarski and other members of your staff.

In accordance with 10 CFR 2.390 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 Package Accession Number ML041040804; RO and SRO Written - Accession Number ML050830162; RO and SRO Operating Section A - Accession Number ML050830166; RO and SRO Operating Section B - Accession Number ML050830182; and RO and SRO Operating Section C - Accession Number ML050830185. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Mr. Christopher M. Crane

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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. 50-277, 50-278
License Nos. DPR-44; DPR-56

Enclosure: Initial Examination Report No. 05000277/2005301 and 05000278/2005301

cc w/encl:

Chief Operating Officer, Exelon Generation Company, LLC
Site Vice President, Peach Bottom Atomic Power Station
Plant Manager, Peach Bottom Atomic Power Station
Regulatory Assurance Manager - Peach Bottom
Senior Vice President, Mid-Atlantic Operations
Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director, Licensing and Regulatory Affairs, Exelon Generation Company, LLC
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Commonwealth of Pennsylvania (c/o R. Janati, Chief, Division of Nuclear Safety,
 Pennsylvania Bureau of Radiation Protection)
Public Service Commission of Maryland, Engineering Division
Board of Supervisors, Peach Bottom Township
B. Ruth, Council Administrator of Harford County Council
Mr. & Mrs. Dennis Hiebert, Peach Bottom Alliance
TMI - Alert (TMIA)
J. Johnsrud, National Energy Committee, Sierra Club
Mr. & Mrs. Kip Adams
T. Snyder, Director, Air and Radiation Management Administration,
 Maryland Department of the Environment (**SLO**)
S. Glenn, INPO
J. Popielarski, Manager, Operations Training, Peach Bottom Atomic Power Station
A. Wasong, Director - Training

Mr. Christopher M. Crane

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REGION I

Docket Nos: 05-277; 05-278

License Nos: DPR-44; DPR-56

Report Nos: 05000277/2005301 and 05000278/2005301

Licensee: Exelon Generating Company

Facility: Peach Bottom, Units 2 and 3

Dates: February 17, 2005 (Written Examination Administration)
February 8-15, 2005 (Operating Test Administration)
February 24, 2005 (Licensee Grading Complete)
February 18-28, 2005 (Examination Grading)

Examiners: T. Fish, Senior Operations Engineer (Chief Examiner)
G. Johnson, Operations Engineer
H. Williams, Operations Engineer (Consultant)

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

Enclosure

SUMMARY OF FINDINGS

IR 05000277 and 05000278/2005301; Peach Bottom Nuclear Power Station, Units 2 and 3; Initial Operator Licensing Examination. 12 of 12 applicants passed the examination (4 reactor operators, 6 SRO instants, and 2 SRO upgrades).

The written examinations were administered by the facility and the operating tests were administered by 3 NRC region-based examiners. There were no inspection findings of significance associated with the examinations.

A. Inspector Identified Findings

No findings of significance were identified.

B. Licensee Identified Findings

No findings of significance were identified.

REPORT DETAILS

1. REACTOR SAFETY

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

a. Scope of Review

The facility examination team developed the written and operating initial examination and together with NRC Region I examiner staff verified or ensured, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 9, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." A review was conducted both in the Region I office and at the Peach Bottom plant and training facility. Final resolution of comments and incorporation of test revisions were conducted during and following the onsite preparation week.
- Simulation facility operation was proper.
- 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 February 8-15, 2005. Peach Bottom training staff administered the written examination on February 17, 2005.

Several applicants were granted waivers for the generic fundamentals examination (GFE). NRC examiners verified that the facility complied with the guidance in Section D of ES-205 of the Examination Standards in preparing and administering a GFE.

b. Findings

Grading and Results

All 12 applicants (8 SROs and 4 ROs) passed all portions of the initial licensing examination.

The facility had no post-examination comments.

Examination Administration and Performance

No findings of significance were identified.

4OA6 Exit Meeting Summary

On March 8, 2005, the NRC provided conclusions and examination results to Peach Bottom management via telephone. License numbers for the applicants were also provided during 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.

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SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

P. Nielson, Exam Developer

J. Popielarski, Manager, Operator Training

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

ITEM NUMBER

TYPE

DESCRIPTION

NONE