

April 6, 2007

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 - OPERATOR AND SENIOR
REACTOR OPERATOR INITIAL EXAM REPORT NO. 05000277&278/2007-301

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 5-15, 2007. 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 14 applicants passed all portions of the examination. The applicants included 4 ROs, 8 SRO instants, and 2 SRO upgrades. Examination results indicated that the applicants were well prepared for the examination. Mr. T. Fish, Chief Examiner, discussed performance insights observed during the examination with Mr. J. Goodbred, Jr., Operations Assistant, on February 12, 2007. On March 5, 2007, final examination results, including individual license numbers, were given during a telephone call between Mr. Fish and Mr. A. Wasong of your training organization.

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 (Master File - Accession Number ML060800089; RO and SRO Written - Accession Number ML070610491; RO and SRO Operating Section A - Accession Number ML070610499; RO and SRO Operating Section B - Accession Number ML070610509; and RO and SRO Operating Section C - Accession Number ML070610511). ADAMS is accessible from the NRC website <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

C. M. Crane

2

Should you have any questions regarding this examination, please contact me at (610) 337-5046, or by E-mail at MDS1@NRC.GOV.

Sincerely,

/RA/

Marvin D. Sykes, Chief
Operations Branch
Division of Reactor Safety

Docket Nos.: 50-277/278
License Nos.: DPR-44, DPR-56

Enclosure: Initial Examination Report No. 05000277&278/2007-301

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
Associate General Counsel, Exelon Generation Company
Manager, Financial Control & Co-Owner Affairs
Vice President, Licensing and Regulatory Affairs
Senior Vice President, Mid-Atlantic
Senior Vice President - Operations Support
Senior Vice President, Nuclear Services
Director, Licensing and Regulatory Affairs
J. Bradley Fewell, Assistant General Counsel, Exelon Nuclear
Manager Licensing, PBAPS
T. Vanwyen, Manager, Operations Training, Peach Bottom Atomic Power Station
A. Wasong, Director, Training
Correspondence Control Desk
Director, Bureau of Radiation Protection, Department of Environmental Protection
R. McLean, Power Plant and Environmental Review Division (MD)
G. Aburn, Maryland Department of Environment
T. Snyder, Director, Air and Radiation Management Administration,
Maryland Department of the Environment (SLO, MD)
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
E. Epstein, TMI Alert
R. Fletcher, Department of Environment, Radiological Health Program

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2

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R. Fletcher, Department of Environment, Radiological Health Program

SUNSI Review Complete: MDS (Reviewer's Initials)

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket Nos.: 50-277&278

License Nos.: DPR-44, DPR-56

Report Nos.: 05000277&278/2007-301

Licensee: Exelon Generation Company, LLC

Facility: Peach Bottom Atomic Power Station

Dates: February 15, 2007 (Written Examination Administration)
February 5-13, 2007 (Operating Test Administration)
February 14-23, 2007 (Examination Grading)

Examiners: T. Fish, Sr. Operations Engineer (Chief Examiner)
G. Johnson, Operations Engineer
P. Presby, Operations Engineer

Approved by: Marvin D. Sykes, Chief
Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000277&278/2007-301; Peach Bottom Atomic Power Station; 02/05/2007-02/15/2007; Initial Operator Licensing Examination. Fourteen of fourteen applicants passed the examination (4 ROs, 8 SRO instants, and 2 SRO upgrades).

The written examinations were administered by the facility and the operating tests were administered by three 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. NRC examiners, together with facility training and operations personnel 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 5-13, 2007. Facility training staff administered the written examination on February 15, 2007.

b. Findings

Grading and Results

All 14 applicants (4 ROs, 8 SRO instants, and 2 SRO upgrades) passed all portions of the initial licensing examination.

Examination Administration and Performance

No findings of significance were identified.

Enclosure

4OA6 Exit Meeting Summary

On March 5, 2007, the NRC provided conclusions and examination results to Peach Bottom Atomic Power Station management representatives via the telephone. License numbers for all 14 applicants were also provided. 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.

ATTACHMENT: SUPPLEMENTAL INFORMATION

Enclosure

A-1

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

T. Van Wyen	Manager, Operator Training
J. Goodbred, Sr.	Control Room Supervisor
J. James	Control Room Supervisor
J. Goodbred, Jr.	Operations Assistant
F. Bruns	Examination Team
M. Kelly	Examination Team

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

<u>ITEM NUMBER</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
None	N/A	N/A