



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I**  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

June 6, 2013

Mr. Michael J. Pacilio  
Senior Vice President  
Exelon Generation Company, LLC  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Rd.  
Warrenville, IL 60555

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION – U.S. NUCLEAR  
REGULATORY COMMISSION MATERIAL CONTROL AND ACCOUNTING  
PROGRAM INSPECTION REPORT NO. 05000277/2013406 AND  
05000278/2013406

Dear Mr. Pacilio:

On May 9, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Peach Bottom Atomic Power Station. The inspection covered one of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on May 9, 2013, with Mr. Patrick Navin, Plant Manager, and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings were identified.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, the material enclosed herewith contains security-related information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or in ADAMS.

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M. Pacilio

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If you chose to provide a response, and security-related information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

*/RA/*

Raymond J. Powell, Chief  
Technical Support and Assessment Branch  
Division of Reactor Projects

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

Nonpublic Enclosure:  
NRC Inspection Report 05000277/2013406 and 05000278/2013406  
w/Attachment: Supplemental Information

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cc w/encl; w/OUO-SRI

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D. Allard, Director, PA Bureau of Radiation Protection  
T. Levering, Director of Emergency Preparedness Planning,  
Maryland Department of the Environment  
A. Lauland, Homeland Security Advisor, Maryland

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**/RA/**

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