

March 28, 2014

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

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 – NRC SECURITY  
INSPECTION REPORT 05000277/2014201 AND 05000278/2014201

Dear Mr. Pacilio:

On March 11, 2014, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Peach Bottom Atomic Power Station, Units 2 and 3. On March 11, 2014, the NRC inspectors discussed the results of this inspection with Mr. Michael Massaro, Peach Bottom Site Vice President, and other members of your staff. The inspectors documented the results of this inspection in the enclosed inspection report.

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

One licensee-identified finding of very low security significance (i.e., Green as determined by the Baseline Security Significance Determination Process) was identified during this inspection. The finding involved a violation of NRC requirements and the deficiency was promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspectors left the site.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site 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

The enclosure transmitted herewith contains SUNSI. When separated from the enclosure, this transmittal document is decontrolled.
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M. Pacilio

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for public inspection in the NRC Public Document Room or from the PARS component of NRC's ADAMS. If you choose to provide a response and security-related information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information—Withhold from Public Disclosure Under 10 CFR 2.390" 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/*

Michael Buckley, Acting Chief  
Security Training and Support Branch  
Division of Security Operations  
Office of Nuclear Security and Incident Response

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

Enclosure: Inspection Report 05000277/2014201 and 05000278/2014201  
w/Attachments: Supplemental Information

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M. Pacilio

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Sincerely,

/RA/

Michael Buckley, Acting Chief  
Security Training and Support Branch  
Division of Security Operations  
Office of Nuclear Security and Incident Response

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