



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713

September 21, 2016

Mr. Bryan Hanson
Senior Vice President, Exelon Generation, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Rd.
Warrenville, IL 60555

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION – MATERIAL CONTROL AND
ACCOUNTING PROGRAM INSPECTION REPORT NO. 05000277/2016405
AND 05000278/2016405

Dear Mr. Hanson

On August 25, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at the 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 August 25, 2016, with Mr. Michael Massaro, Site Vice President, and other members of the Exelon's 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's 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's Public Document Room or in ADAMS.

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B. Hanson

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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/

Mel Gray, Chief
Engineering Branch 1
Division of Reactor Safety

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

Nonpublic Enclosure:
NRC Inspection Report 05000277/2016405
and 05000278/2016405 w/Attachment: Supplemental Information

cc w/encl; w/OUO-SRI
S. Griffith, Manager, Site Security
D. Allard, Director, PA, DEP
T. Levering, Emergency Response Director, Maryland

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B. Hanson

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Letter to Mr. Bryan Hanson from Mel Gray dated September 20, 2016

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION – MATERIAL CONTROL AND
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AND 05000278/2016405

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