



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

April 15, 2019

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

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 – SECURITY  
INSPECTION REPORT 05000277/2019410 AND 05000278/2019410

Dear Mr. Hanson:

On March 28, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at the Peach Bottom Atomic Power Station, Units 2 and 3 and discussed the results of this inspection with Mr. Matthew Herr, Plant Manager, and other members of your staff. The results of this inspection are documented in the enclosed report.

NRC inspectors did not identify any findings or violations of more than minor significance.

This letter and the enclosed report will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC's Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response that contains Security-Related Information, 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). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,

*/RA/*

Fred L. Bower, III, Chief  
Plant Support Branch  
Division of Reactor Safety

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

Enclosure:  
Inspection Report 05000277/2019410 and  
05000278/2019410

cc w/encl: Distribution via ListServ  
S. Griffith, Manager, Site Security  
D. Allard, Director, PA DEP  
M. Griffen, MD Emergency Response Director

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 – SECURITY INSPECTION REPORT 05000277/2019410 AND 05000278/2019410 DATED APRIL 15, 2019

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DATE	04/15/2019	04/15/2019	04/09/2019	04/10/2019	04/15/2019	04/15/2019

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**U.S. NUCLEAR REGULATORY COMMISSION**

**REGION I**

Docket Nos: 50-277 and 50-278

License Nos: DPR-44 and DPR-56

Report Nos: 05000277/2019410 and 05000278/2019410

Enterprise Identifier: I-2019-410-0018

Licensee: Exelon Generation Company, LLC

Facility: Peach Bottom Atomic Power Station, Units 2 and 3

Location: Delta, PA

Dates: March 25-28, 2019

Inspectors: John Cherubini, Senior Physical Security Inspector  
Kenneth Hussar, Physical Security Inspector  
Sammy McCarver, PE, Physical Security Inspector  
Jeremiah Rey, Physical Security Inspector

Approved By: Fred L. Bower, III, Chief  
Plant Support Branch  
Division of Reactor Safety

## SUMMARY

The NRC continued monitoring Exelon's performance at the Peach Bottom Atomic Power Station, Units 2 and 3, by conducting the baseline security inspections described in this report in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

No findings or more-than-minor violations were identified.

## INSPECTION SCOPE

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

## SAFEGUARDS

### 71130.02 - Access Control (1 Sample)

NRC inspectors evaluated the access control program through completion of the following IP elements:

Tier I	All Requirements
Tier II	8 Requirements (02.06 a – d, 02.07, 02.08 a, b, i)
Tier III	1 Requirement (02.09)

### 71130.05 - Protective Strategy (2 Samples)

NRC inspectors evaluated the licensee's protective strategy through completion of the following IP elements:

Tier I	All Requirements
Tier II	14 Requirements (02.05 a, 02.06 a, d, f, g, h, i, j, m and n, 02.07 a, b, c and e)
Tier III	4 Requirements (02.08, 02.09 a, b and 02.11 a )

### 71130.14 - Review of Power Reactor Target Sets (1 Sample)

NRC inspectors evaluated the licensee's target set program through completion of all elements in the IP.

## OTHER ACTIVITIES – BASELINE

### 71151 - Performance Indicator Verification (1 Sample)

The inspectors verified the licensee's Protected Area Security Equipment Performance Index submittals for the period from 1<sup>st</sup> quarter 2018 through 4<sup>th</sup> quarter 2018.

## EXIT MEETINGS AND DEBRIEFS

On March 28, 2019, the inspectors presented the inspection results to Mr. Matthew Herr, Plant Manager, and other members of the licensee's staff.

The inspectors verified that no proprietary information was retained nor documented in this report.

**DOCUMENTS REVIEWED****71130.02**Procedures

SY-AA-101-112, Exelon Security Search Process, Revision 36  
SY-AA-101-112-1004, Protected Area Search Process, Revision 2  
SY-AA-101-120, Control of Security Access Control Devices, Revision 9  
SY-PB-101-112-1001, OCA Checkpoint, Revision 6  
SY-PB-101-119, Control of Receiving Warehouse, Revision 3

Condition Reports

IR 04233827  
IR 04233227  
IR 04233904

Miscellaneous

SFAQ 17-01 PB MAF Timeline Analysis White Paper

**71130.05**Procedures

SY-PB-101-501, Site Protective Strategy, Revision 5

**71130.14**Procedures

SY-PB-101-502, Peach Bottom Atomic Power Station Security Target Set Analysis and Development, Revision 5  
SY-AA-104-101, Physical Protection of Critical Digital Assets and Communication Paths Outside the Protected Area, Revision 3  
SY-AA-104-104, Monitoring and Documenting Physical Access to Critical Digital Assets and Communication Path Outside the Protected Area and Critical Digital Assets With Supplemental Physical Controls Inside the Protected Area, Revision 1  
SE-23, Response to Security Threats, Revision 21

**71151**

1<sup>st</sup> Quarter 2018 through 4<sup>th</sup> quarter 2018 PI Data