



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

August 28, 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: CALVERT CLIFFS NUCLEAR POWER PLANT – SECURITY INSPECTION  
REPORT 05000317/2019410 AND 05000318/2019410

Dear Mr. Hanson:

On August 8, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Calvert Cliffs Nuclear Power Plant and discussed the results of this inspection with Mr. Mark Flaherty, Site Vice President, 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 Title 10 of the *Code of Federal Regulations* (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. 50-317 and 50-318  
License Nos. DPR-53 and DPR-69

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®  
T. Young, Manager, Site Security  
M. Griffen, State Liaison Officer,  
Emergency Preparedness Planning

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT – SECURITY INSPECTION  
REPORT 05000317/2019410 AND 05000318/2019410 DATED AUGUST 28,  
2019

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DATE	08/14/2019	08/14/2019	08/27/2019	08/26/2019	08/28/2019

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**U.S. NUCLEAR REGULATORY COMMISSION**

**REGION I**

Docket Numbers: 50-317 and 50-318

License Numbers: DPR-53 and DPR-69

Report Numbers: 05000317/2019410 and 05000318/2019410

Enterprise Identifier: I-2019-410-0027

Licensee: Exelon Generation Company, LLC

Facility: Calvert Cliffs Nuclear Power Plant

Location: Lusby, MD

Dates: August 5–8, 2019

Inspectors: J. Cherubini, Senior Physical Security Inspector  
K. Hussar, Physical Security Inspector  
J. Rey, Physical Security Inspector

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

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a baseline security inspection at Calvert Cliffs Nuclear Power Plant 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.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## INSPECTION SCOPE

Unless otherwise noted, baseline security inspections were conducted using guidance in the appropriate 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 a, 02.08 a, b, c)
Tier III	1 Requirement (02.09)

### 71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

NRC inspectors evaluated the security equipment testing and maintenance program through completion of the following IP elements:

Tier I	All Requirements
Tier II	4 Requirements (02.09 a, 02.11 a, 02.12 a, and 02.13 a)
Tier III	2 Requirements (02.14, 02.15 c)

### 71130.07 - Security Training (1 Sample)

NRC inspectors evaluated the security training program through completion of the following IP elements:

Tier I	All Requirements
Tier II	6 Requirements (02.05 b, c, and d, 02.07 a, 02.08 a, 02.09 b)
Tier III	6 Requirements (02.10, 02.11 a, 02.12 a, 02.13 a, b, and c)

## 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 2<sup>nd</sup> quarter 2018 through 2<sup>nd</sup> quarter 2019.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

On August 8, 2019, the inspectors presented the inspection results to Mr. Mark Flaherty, Site Vice President, and other members of the licensee staff.

## **DOCUMENTS REVIEWED**

### **71130.02**

#### Procedures

SY-CA-1008, Vehicle Admittance to the Protected Area, Revision 6  
SY-AA-101-124, Operation of the Security Control Centers, Revision 14  
SY-AA-120, Control of Security Access Control Devices, Revision 9  
SY-AA-101-118, Control of Badges, Revision 9  
SY-AA-101-112, Exelon Security Search Processes, Revision 36  
SY-AA-101-112-1004, Protected Area Search Processes, Revision 2  
SY-AA-101-132, Security Assessment and Response to Unusual Activities, Revision 32

### **71130.04**

#### Procedures

SY-CA-101-122-1001, Security System Testing, Revision 18  
SY-AA-500-127, Safety/Security Interface, Revision 6  
SY-AA-101-122, Testing Security Equipment, Revision 22

### **71130.07**

#### Procedures

SY-AA-150-101, Exelon Nuclear Security Training, Revision 0  
SY-AA-150-103, Firearms Maintenance, Testing, and Accountability, Revision 0

#### Miscellaneous

Security Training Files

### **Performance Indicator Verification (71151)**

#### Procedures

SY-AA-101-153, Security Events and Nuclear Regulatory Commission Performance Indicators,  
Revision 9

#### Other Documents

PI Data 2<sup>nd</sup> Quarter 2018 through 2<sup>nd</sup> Quarter 2019