



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

July 9, 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: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – SECURITY  
INSPECTION REPORT 05000333/2019410

Dear Mr. Hanson:

On June 6, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your James A. Fitzpatrick Nuclear Power Plant and discussed the results of this inspection with Mr. Joseph Pacher, 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 No. 50-333  
License No. DPR-59

Enclosure:  
Inspection Report 05000333/2019410

cc w/encl: Distribution via ListServ  
C. Clancy, Manager, Nuclear Security  
A. Peterson, State Liaison Office Designee,  
NY State Energy, Research & Development  
Authority

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – SECURITY INSPECTION REPORT 05000333/2019410 DATED JULY 9, 2019

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**U.S. NUCLEAR REGULATORY COMMISSION**

**REGION I**

Docket No: 50-333

License No: DPR-59

Report No: 05000333/2019410

Enterprise Identifier: I-2019-410-0022

Licensee: Exelon Generation Company, LLC

Facility: James A. Fitzpatrick Nuclear Power Plant (Fitzpatrick)

Location: Lycoming, NY

Dates: May 20, 2019 – June 6, 2019

Inspectors: John Cherubini, Senior Physical Security Inspector  
Kenneth Hussar, Physical Security Inspector  
Jeff Bream, PE, 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 James A. Fitzpatrick Nuclear Power Plant 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**

### 71130.05 - 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, k, l, 02.07 a, b, c, e)

Tier III 4 Requirement (02.08, 02.09 b, c, 02.10 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.

## **EXIT MEETINGS AND DEBRIEFS**

On June 6, 2019, the inspectors presented the inspection results to Mr. Joseph Pacher, Site Vice President, and other members of the licensee's staff. The inspectors verified no proprietary information was retained or documented in this report.

## **DOCUMENTS REVIEWED**

### **71130.05**

#### Procedures

SY-JF-133, Law Enforcement Response Plan, Revision 0  
SY-AA-150-1007, Exelon Nuclear Security Adversary Force, Revision 1  
SY-AA-150-102, Security Drills and Exercises, Revision 0  
SY-JF-101-116, Conducting Patrols, Revision 5  
SY-JF-101-500, Site Security Plan Support Procedure, Revision 1

#### Other Documents

JAF Timeline worksheets  
2018 Drill Reports  
1<sup>st</sup> Quarter 2019 Drill Reports  
IR-4136731  
IR-4144151  
IR-4136729  
IR-4186481  
IR-4201907

### **71130.14**

#### Procedures

SY-JF-101-502, Target Sets, Revision 1  
AOP-70, Security Threat, Revision 20

#### Other Documents

10/31/17 Target Set Assessment Team Meeting Minutes  
4/2/19 Target Set Assessment Team Meeting Minutes  
4/30/19 Target Set Assessment Team Meeting Minutes