



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

May 20, 2021

Mr. David Rhoades  
Senior VP, Exelon Generation Company, LLC  
President and CNO, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BRAIDWOOD GENERATING STATION – SECURITY BASELINE INSPECTION  
REPORT 05000456/2021401 AND 05000457/2021401

Dear Mr. Rhoades:

On May 7, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Braidwood Generating Station and discussed the results of this inspection with Mr. J. Keenan and other members of your staff. The results of this inspection are documented in the enclosed report.

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

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

**/RA/**

Steven K. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 05000456 and 05000457  
License Nos. NPF-72 and NPF-77

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to David Rhoades from Steven K. Orth dated May 20, 2021.

SUBJECT: BRAIDWOOD GENERATING STATION – SECURITY BASELINE INSPECTION  
REPORT 05000456/2021401 AND 05000457/2021401

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**U.S. NUCLEAR REGULATORY COMMISSION**  
**Inspection Report**

Docket Numbers: 05000456 and 05000457

License Numbers: NPF-72 and NPF-77

Report Numbers: 05000456/2021401 and 05000457/2021401

Enterprise Identifier: I-2021-401-0111

Licensee: Exelon Generation Company, LLC

Facility: Braidwood Generating Station

Location: Braceville, IL

Inspection Dates: January 12, 2021 to May 07, 2021

Inspectors: A. Anderson, Physical Security Inspector  
G. Bonano, Physical Security Inspector  
J. Gilliam, Project Engineer  
J. Kutlesa, Physical Security Inspector

Approved By: Steven K. Orth, 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 security baseline inspection at Braidwood Generating Station, 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 SCOPES

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>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin telework. The inspection documented below was determined that the objectives and requirements stated in the IP could, in part, be performed remotely.

## SAFEGUARDS

### 71130.01 - Access Authorization

The inspectors evaluated the access authorization program. The following elements were evaluated:

#### Access Authorization (1 Sample)

- (1)
  - Tier I: All
  - Tier II: 02.05; 02.06
  - Tier III: N/A

### 71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

#### Access Control (1 Sample)

- (1)
  - Tier I: All
  - Tier II: 02.06; 02.08 (d-f)
  - Tier III: 02.10

## INSPECTION RESULTS

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On May 7, 2021, the inspectors presented the security baseline inspection results to Mr. J. Keenan and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Miscellaneous	Access Authorization Files	100 Files Reviewed	Various
	Procedures	SY-AA-103-500	Access Authorization Program	16
		SY-AA-103-507	Review Criteria for Determining Trustworthiness and Reliability	7
71130.02	Procedures	SY-AA-101-106	Control and Classification of Safeguards Information (SGI) and Sensitive Unclassified Non-Safeguards Information (SUNSI)	21
		SY-AA-101-112-1004	Protected Area Search Processes	4
		SY-AA-101-112-1005	Owner Controlled Area Inspection Processes	2