



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

November 17, 2022

Mr. David P. Rhoades  
Senior Vice President  
Constellation Energy Generation, LLC  
President and Chief Nuclear  
Officer (CNO)  
Constellation Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: LASALLE COUNTY STATION – SECURITY BASELINE INSPECTION REPORT  
05000373/2022402 AND 05000374/2022402

Dear Mr. David Rhoades:

On November 1, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at LaSalle County Station and discussed the results of this inspection with Ms. Cynthia Wilson, Security Manager 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,

A handwritten signature in black ink, appearing to read "S. Orth".

Signed by Orth, Steven  
on 11/17/22

Steven K. Orth, Chief  
Security, Emergency Preparedness,  
and Incident Response Branch  
Division of Radiological Safety and Security

Docket Nos. 05000373 and 05000374  
License Nos. NPF-11 and NPF-18

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to David Rhoades from Steven K. Orth dated November 17, 2022.

SUBJECT: LASALLE COUNTY STATION – SECURITY BASELINE INSPECTION REPORT  
05000373/2022402 AND 05000374/2022402

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

Docket Numbers: 05000373 and 05000374

License Numbers: NPF-11 and NPF-18

Report Numbers: 05000373/2022402 and 05000374/2022402

Enterprise Identifier: I-2022-402-0014

Licensee: Constellation Nuclear

Facility: LaSalle County Station

Location: Marseilles, IL

Inspection Dates: October 24, 2022 to November 01, 2022

Inspectors: A. Anderson, Allegation/Enforcement Specialist  
E. Bonano, Physical Security Inspector

Approved By: Steven K. Orth, Chief  
Security, Emergency Preparedness,  
and Incident Response Branch  
Division of Radiological Safety and Security

Enclosure

## **SUMMARY**

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

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 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.

## SAFEGUARDS

### 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 a, d; 02.07 a; 02.08 a - d, e, h
  - Tier III: 02.10 a

### 71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP:

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

- (1)
  - Tier I: All
  - Tier II: 02.09 a; 02.10 a; 02.11 d; 02.13 a
  - Tier III: 02.14; 02.15

### 71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

#### Security Plan Changes (1 Partial)

- (1) (Partial)  
The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 0306. This sample was not available because the licensee did not conduct the activity covered by this inspection

procedure. Specifically, the licensee has not initiated a physical security plan change in accordance with Title 10 of the *Code of Federal Regulations*, Part 50.54(p)(2) since the last performance of this inspection procedure.

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

#### PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) September 1, 2021 through September 30, 2022

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On November 1, 2022, the inspectors presented the security baseline inspection results to Ms. Cynthia Wilson, Security Manager and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Miscellaneous		Access Authorization Denial List	10/01/2021 - 10/10/2022
	Procedures	SY-AA-101-110	Security Sealing Operations	13
		SY-AA-101-112	Exelon Security Search Processes	38
		SY-AA-101-117	Processing and Escorting of Personnel and Vehicles	34
		SY-AA-101-118	Control of Badges	10
		SY-AA-101-120	Control of Security Access Control Devices	9
		SY-LA-101-112	OCA Warehouse Search Activities	0
71130.04	Miscellaneous		Safeguards Event Log, LaSalle	05/06/2022 - 10/11/2022
	Procedures	LEP-GM-165	Security UPS (0IS04E) General Inspection	6
		LEP-SS-02	Door Intrusion Alarm Surveillance	14
		LES-SS-03	Security Microwave Transmitter-Receiver Surveillance	13
		LES-SS-05	Security Diesel Generator Preventive Maintenance Inspection	3
		LES-SS-06	Perimeter Camera Surveillance	16
		LES-SS-12	Unizone Early Warning System Inspection	0
		LIP-IS-903	Entryscan 4 Explosives Detector Maintenance and Testing	9
		LIP-IS-904	Security Maintenance Requests	6
		SY-101-122-102	Performance of Early Warning Detection System Tests	0
		SY-101-122-103	Performance of Access Control Device and Portal Tests	0
		SY-AA-101-122	Testing Security Equipment	23
		SY-AA-101-122-101	Performance of Perimeter Intrusion Detector-Camera	0
		SY-AA-101-122-104	Performance of Special Purpose Detector, Communication	0
		SY-AA-150-103	Firearms Maintenance, Testing and Accountability	2
		SY-AA-150-103-F-04	Rifle Material Condition Inspection/Functionality/Accuracy Tests	1
		SY-AA-150-103-F-13	Range Firearm Inspection, Cleaning and Maintenance	0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.09	Miscellaneous		LaSalle County Station Security Plan, Training and Qualification Plan, Safeguard Contingency Plan and Independent Spent Fuel Storage Installation Security Plan	18
71151	Miscellaneous		Security Performance Indicator Data	09/01/2021 - 09/01/2022
	Procedures	SY-AA-101-155	Security Events and Nuclear Regulatory Commission Performance Indicators	11
		SY-AA-1024	Security Performance Monitoring, Oversight and Indicators	13