



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

November 7, 2023

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  
05000373/2023401 AND 05000374/2023401

Dear David P. Rhoades:

On October 6, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at LaSalle County Station and discussed the results of this inspection with Cynthia Wilson, Senior Manager, Site Security, 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 11/07/23

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 Orth dated November 7, 2023

SUBJECT: LASALLE COUNTY STATION – SECURITY BASELINE INSPECTION REPORT  
05000373/2023401 AND 05000374/2023401

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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: 05000373/2023401 and 05000374/2023401

Enterprise Identifier: I-2023-401-0054

Licensee: Constellation Nuclear

Facility: LaSalle County Station

Location: Marseilles, IL

Inspection Dates: January 23, 2023 to October 06, 2023

Inspectors: A. Anderson, Physical Security Inspector  
G. 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 Requirements
  - Tier II: 02.06 a - d; 02.07 a; 02.08 a, b, f, i
  - Tier III: 02.09

### 71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following inspection elements:

#### Security Training (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: 02.05 b - d; 02.06 a; 02.07 a; 02.08 a; 02.09 b
  - Tier III: 02.10; 02.11 a; 02.12 b; 02.13 a, b

### 71130.08 - Fitness For Duty Program

The inspectors evaluated the fitness for duty program by completing the following inspection elements:

#### Fitness For Duty Program (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: 02.05 a - l; 02.06 a - g; 02.07 a - e; 02.08 a; 02.09 d
  - Tier III: 02.10; 02.11 a; 02.12 a; 02.13 a, e; 02.14 a

### 71130.09 - Security Plan Changes

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

#### Security Plan Changes (1 Partial)

- (1) (Partial)  
The opportunity to apply this procedure was not available in accordance with IMC 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change to the LaSalle County Station Security Plan, Training and Qualification Plan, Safeguards Contingency Plan and Independent Spent Fuel Storage Installation Security Program, Revision 18, in accordance with 10 CFR 50.54(p) (2) since the last performance of this IP.

### **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) Performance Indicator data, October 2022 through August 2023.

### **INSPECTION RESULTS**

No findings were identified.

### **EXIT MEETINGS AND DEBRIEFS**

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

- On October 6, 2023, the inspectors presented the security baseline inspection results to Cynthia Wilson, Senior Manager, Site Security, and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71130.02	Miscellaneous	AR 04555175	Security - Core Change-out Completed for Cause	02/16/2023	
		AR 04697650	Security - Performance of Annual Keys and Cores Inventory	08/21/2023	
	Procedures	SY-AA-101-117	Processing and Escorting of Personnel and Vehicles	34	
		SY-AA-101-118	Control of Badges	11	
		SY-AA-101-120	Control of Security Access Control Devices	10	
71130.07	Corrective Action Documents		Action Request List (AR)	10/2022 through 09/2023	
	Miscellaneous		Lesson Plans for Watchperson, Armed Officer, Supervisor, Weapons, Adversary, Firearms Training Simulator for Weapons Familiarity and Use of Deadly Force	2023	
			Weapons Qualification Scoresheets for Nuclear Security Training Daylight, Nighttime, Thermal and Tactical Courses of Fire	4 and 7	
			Instructor Qualification Documents (2021 through 2024)	As of 2023	
			LaSalle Security Training 3 Year Plan (2022 through 2024)	As of 2023	
			Annual Examination Question Matrix	2023	
	Procedures	SY-AA-150-101	Exelon Nuclear Security Training	3	
		SY-AA-150-101-F-48	Security Presentation Based Lesson Plan for Physical Fitness Test	0	
		SY-AA-150-104	Constellation Nuclear Security OJT Program	2	
	Self-Assessments	NOSA-LAS-23-01 (AR 4546547)	Security Programs Audit	02/08/2023	
	71130.08	Miscellaneous		Random and Weekend Testing/Collection Data	01/01/2021 through 08/01/2023
				Work Hour Waiver Packages	01/01/2021 through 09/30/2023
Procedures		LS-AA-119	Fatigue Management and Work Hour Limits	16	
		SY-AA-102	Exelon Generation Fitness For Duty Program	22	
		SY-AA-102-202	Testing for Cause	21	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		SY-AA-102-240	Collection of Specimens for Testing in an Exelon Facility	16
		SY-AA-103-500	Access Authorization Program	18
	Self-Assessments	NOSA-LAS-23-02 (AR 4546303)	FFD and AA Audit	02/08/2023
71151	Miscellaneous	PP01	Physical Protection, Protected Area Security Equipment Data	10/2022 through 08/2023
	Procedures	71151	Performance Indicator Verification	04/06/2020