



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
475 ALLENDALE RD, STE 102  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 17, 2025

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: R.E. GINNA NUCLEAR POWER PLANT – SECURITY BASELINE INSPECTION  
REPORT 05000244/2025401

Dear David Rhoades:

On April 9, 2025, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at R.E. Ginna Nuclear Power Plant and discussed the results of this inspection with Richard Everett, Acting Site Vice President, 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* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Brice A. Bickett, Chief  
Security, Emergency Preparedness and Incident  
Response Branch  
Division of Radiological Safety & Security

Docket No. 05000244  
License No. DPR-18

Enclosure:  
As stated

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SUBJECT: R.E. GINNA NUCLEAR POWER PLANT – SECURITY BASELINE INSPECTION  
REPORT 05000244/2025401 DATED APRIL 17, 2025

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

Docket Number: 05000244

License Number: DPR-18

Report Number: 05000244/2025401

Enterprise Identifier: I-2025-401-0018

Licensee: Constellation Energy Generation, LLC

Facility: R.E. Ginna Nuclear Power Plant

Location: Ontario, NY

Inspection Dates: February 10, 2025 to April 09, 2025

Inspectors: D. Caron, Senior Physical Security Inspector  
J. Edwards, Physical Security Inspector  
K. Hussar, Senior Physical Security Inspector  
M. Ordoyne, Physical Security Inspector

Approved By: Brice A. Bickett, Chief  
Security, Emergency Preparedness and Incident Response Branch  
Division of Radiological Safety & Security

Enclosure

## **SUMMARY**

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

### 71130.01 - Access Authorization

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

#### Access Authorization (1 Sample)

- (1)
  - Tier I: All requirements
  - Tier II: All requirements
  - Tier III: All requirements

### 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: All Requirements
  - Tier III: 1 Requirement (02.10)

### 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: 26 Requirements (02.05 a - I, 02.06 a - g, 02.07, 02.08, 02.09 a - e)
  - Tier III: 8 Requirements (02.10, 02.11, 02.12 a, 02.13 a - e)

### 71130.09 - Security Plan Changes

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

#### Security Plan Changes (1 Sample)

- (1) Since the last NRC baseline inspection of this program area, Security Plan Revision 16 was implemented. Based on Ginna's evaluation, and in accordance with 10 CFR 50.54(p)(2), the changes resulted in no decrease in safeguards effectiveness of the security plan and the revised security plan changes continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for a potential decrease in safeguards effectiveness of the security plan; however, this review does not constitute formal NRC approval of those changes. Therefore, the changes remain subject to future NRC inspection in their entirety.

### **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) April 1, 2024 through March 31, 2025

### **INSPECTION RESULTS**

No findings were identified.

### **EXIT MEETINGS AND DEBRIEFS**

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

- On April 9, 2025, the inspectors presented the security baseline inspection results to Richard Everett, Acting Site Vice President, and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Miscellaneous		Generic Fitness for Duty and Behavior Observation Lesson Plan	Revision 4
			Constellation Industrial/Nuclear Safety and Security	Revision 09
	Procedures	SY-AA-103-500	Access Authorization Program	Revision 18
		SY-AA-103-506	Utilizing the Personnel Access Data System (PADS)	Revision 18
		SY-AA-103-507	Review Criteria for Determining Trustworthiness and Reliability	Revision 9
		SY-AA-103-511	Access Authorization In-Processing/Out-Processing of Personnel	Revision 27
		SY-AA-103-514	Site Authorization for Unescorted Access	Revision 23
71130.02	Procedures	SY-AA-101-103	Observation and Inspection of Security Barriers	Revision 14
		SY-AA-101-112	Constellation Security Search Process	Revision 39
		SY-AA-101-112-104	Protected Area Search Process	Revision 0
		SY-AA-101-120	Control of Security Access Control Devices	Revision 10
		SY-AA-101-121	Security Response to the Station Emergency Plan	Revision 12
		SY-AA-101-132	Security Assessment and Response to Unusual Activities	Revision 38
		SY-GI-101-115	Controlling Ginna Gates and Power Operated Active Vehicle Barriers	Revision 13
		SY-GI-101-119	Ginna Oca Warehouse Search Activities	Revision 10
71130.08	Corrective Action Documents	04852011 04852026 04822699 04728056 04695665 04553220 04825661 04836653 04813802 04788589 04788588 04832208		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		04838263		
	Procedures	LS-AA-119	Fatigue Management and Work Hour Limits	Revision 17
		PI-AA-125	Corrective Action Program (CAP) Procedure	Revision 9
		SY-AA-101-155	Security Events and Nuclear Regulatory Commission Performance Indicators	Revision 12
		SY-AA-102	Constellation Fitness for Duty Program	Revision 23