



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 24, 2024

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, LLC – EMERGENCY
PREPAREDNESS BIENNIAL EXERCISE INSPECTION REPORT
05000244/2024501

Dear David P. Rhoades:

On August 22, 2024, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at R.E. Ginna Nuclear Power Plant, LLC and discussed the results of this inspection with Sue Murray, Director of Organizational Performance and Regulatory 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,

Daniel L. Schroeder, Chief
Security, Emergency Preparedness and Incident
Response Branch
Division of Radiological Safety & Security

Docket No. 05000244
License No. DPR-18

Enclosure:
cc w/ encl: Distribution via LISTSERV

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT, LLC – EMERGENCY PREPAREDNESS BIENNIAL EXERCISE INSPECTION REPORT 05000244/2024501

DISTRIBUTION:

- ECarfang, DORS
- EEve, DORS
- KSmetana, DORS
- EAdams, DORS
- BDyke, DORS, SRI
- ACass, DORS, AA
- MSimmons, RI OEDO
- RidsNrrPMREGinna Resource
- RidsNrrDorlLpl1 Resource
- CNolan, NSIR/EPD
- ESchrader, NSIR/EPD
- DSchroeder DRSS
- JDeBoer DRSS

DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/RI.DRS.PSB.EP/Shared Documents/EP Inspections/EP Inspection Reports/Ginna/2024/GINNA EP EXERCISE REPORT.docx>

ADAMS ACCESSION NUMBER: ML24247A163

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DORS	RI/DRSS	RI/DRSS		
NAME	ECarfang	JDeBoer	DSchroeder		
DATE	09/3/2024	09/3/2024	09/24/2024		

OFFICIAL RECORD COPY

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

Docket Number: 05000244

License Number: DPR-18

Report Number: 05000244/2024501

Enterprise Identifier: I-2024-501-0009

Licensee: Constellation Nuclear

Facility: R.E. Ginna Nuclear Power Plant, LLC

Location: Ontario, New York

Inspection Dates: August 19, 2024, to August 22, 2024

Inspectors: J. DeBoer, Senior Emergency Preparedness Inspector
E. Eve, Decommissioning Team Leader
J. Kepley, Operations Engineer
J. Kulp, Senior Reactor Inspector
J. Schoppy, Senior Reactor Inspector

Approved By: Daniel L. Schroeder, 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 an emergency preparedness biennial exercise inspection at R.E. Ginna Nuclear Power Plant, LLC, 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) 2515, "Light-Water Reactor Inspection Program - Operations Phase." 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.

REACTOR SAFETY

71114.01 - Exercise Evaluation

Inspection Review (IP Section 02.01-02.11) (1 Sample)

- (1) The inspectors evaluated the biennial emergency plan exercise. The exercise scenario simulated a loss of coolant accident, a loss of containment, and a loss of the fuel cladding on August 20, 2024.

71114.04 - Emergency Action Level and Emergency Plan Changes

Inspection Review (IP Section 02.01-02.03) (1 Sample)

- (1) The inspectors evaluated the following submitted Emergency Action Level and Emergency Plan changes.
 - Evaluation 22-46, R.E. Ginna Nuclear Power Plant Evacuation Time Estimates, EP-AA-1012, Addendum 2, Revision 1

This evaluation does not constitute NRC approval.

71114.08 - Exercise Evaluation - Scenario Review

Inspection Review (IP Section 02.01 - 02.04) (1 Sample)

- (1) The inspectors reviewed and evaluated the proposed scenario for biennial emergency plan exercise on July 17, 2024.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

EP01: Drill/Exercise Performance (DEP) Sample (IP Section 02.12) (1 Sample)

- (1) July 1, 2023, to June 30, 2024

EP02: Emergency Response Organization (ERO) Drill Participation (IP Section 02.13) (1 Sample)

(1) July 1, 2023, to June 30, 2024

EP03: Alert And Notification System (ANS) Reliability Sample (IP Section 02.14) (1 Sample)

(1) July 1, 2023, to June 30, 2024

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On August 22, 2024, the inspectors presented the emergency preparedness biennial exercise inspection results to Sue Murray, Director of Organizational Performance and Regulatory and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71114.01	Miscellaneous		2024 Emergency Preparedness Biennial Exercise Scenario	June 20, 2024
	Procedures	EP-AA-1012	Radiological Emergency Plan Annex for Ginna Station	8
71151	Corrective Action Documents Resulting from Inspection	04795910		