



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I**
2100 RENAISSANCE BOULEVARD
KING OF PRUSSIA, PENNSYLVANIA 19406

October 21, 2013

Mr. Joseph E. Pacher, Vice President
R.E. Ginna Nuclear Power Plant, LLC
Constellation Energy Nuclear Group, LLC
1503 Lake Road
Ontario, NY 14519

**SUBJECT: R.E. GINNA NUCLEAR POWER PLANT, LLC – NRC EVALUATED
EMERGENCY PREPAREDNESS EXERCISE – INSPECTION REPORT NO.
05000244/2013503**

Dear Mr. Pacher:

On September 19, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the September 17, 2013, evaluated emergency preparedness exercise at your R.E. Ginna Nuclear Power Plant, LLC (Ginna). The enclosed inspection report documents the inspection results, which were discussed on September 19, 2013, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings were identified.

In accordance with Title 10 of the *Code of Federal Regulation* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system, Agencywide Documents Access and Management System (ADAMS).

J. Pacher

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ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>
(the Public Electronic Reading Room).

Sincerely,

/RA/

Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket No. 50-244
License No. DPR-18

Enclosure:
NRC Inspection Report No. 05000244/2013503

cc w/encl: Distribution via ListServ
R. Thomson, RAC Chair, FEMA Region II

Mr. Joseph E. Pacher, Vice President
R.E. Ginna Nuclear Power Plant, LLC
Constellation Energy Nuclear Group, LLC
1503 Lake Road
Ontario, NY 14519

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R. Thomson, RAC Chair, FEMA Region II

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DOCUMENT NAME: G:\DRS\Plant Support Branch 1\Barr\EP Ex13 Ginna\Ginna EP EX 2013 Report10-17.docx
ADAMS ACCESSION NUMBER: ML13295A398

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U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-244

License No: DPR-18

Report No: 05000244/2013503

Licensee: Constellation Energy Nuclear Group, LLC (CENG)

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

Location: Ontario, NY

Dates: September 16-19, 2013

Inspectors: S. Barr, Sr. Emergency Preparedness Inspector, DRS, Region I (Lead)
E. Burket, Emergency Preparedness Inspector, DRS, Region I
P. Presby, Senior Operations Inspector, DRS, Region I
D. Everhart, Physical Security Inspector, DRS, Region I
E. Miller, Resident Inspector, DPR, Region I
S. LaVie, Sr. Emergency Preparedness Specialist, DPR, NSIR

Approved By: Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000244/2013503; 9/16/2013-9/19/2013; Constellation Energy Nuclear Group, LLC; R.E. Ginna Nuclear Power Plant, LLC; Exercise Evaluation – Hostile Action (HA) Event; Exercise Evaluation – Scenario Review; Performance Indicator Verification.

This was an announced inspection conducted by four Region I-based inspectors, one Region I resident inspector, and one Headquarters-based inspector. No findings were identified during the inspection. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 4, dated December 2006.

Cornerstone: Emergency Preparedness

A. NRC-Identified and Self-Revealing Findings

No findings were identified.

B. Licensee-Identified Findings

None.

REPORT DETAILS

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP7 Exercise Evaluation – Hostile Action (HA) Event (71114.07 – 1 Sample)

a. Inspection Scope

Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50, Appendix E, Section IV.F.2.j, requires in part that nuclear power reactor licensees, in each eight calendar year exercise cycle, provide the opportunity for their emergency response organization (ERO) to demonstrate proficiency in the key skills necessary to respond to a hostile action (HA) directed at the plant site. Constellation Energy Nuclear Group (CENG) designed the September 17, 2013, Ginna EP exercise to satisfy that requirement, and the NRC inspected the Ginna HA event exercise to assess CENG's ability to effectively implement the Ginna Emergency Plan during a HA event and adequately protect public health and safety. This overall exercise inspection activity represented the completion of one sample on a biennial cycle.

The exercise evaluation consisted of the following review and assessment:

- The adequacy of CENG's performance in the biennial full-participation exercise regarding the implementation of the planning standards described in 10 CFR 50.47(b) (4), (5), (9), and (10), which are: emergency classification; offsite notification; radiological assessment; onsite protective actions, and public protective action recommendations, respectively.
- The overall adequacy of CENG's emergency response facilities with regard to Emergency Plan commitments. The facilities assessed were the Control Room Simulator, the Technical Support Center (TSC), the Incident Command Post (ICP), and the Emergency Operations Facility (EOF).
- A review of other performance areas, such as the Ginna ERO's: recognition of abnormal plant conditions; command and control, including interactions with site security staff; intra- and inter-facility communications; prioritization of mitigating activities; utilization of repair and field monitoring teams; interface with offsite agencies, including local law enforcement agencies; staffing and procedure adequacy; and the overall implementation of the Emergency Plan and its implementing procedures.
- A review of past performance issues from the last NRC Ginna exercise inspection report and recent CENG Ginna EP drill reports, to determine the effectiveness of licensee corrective actions as demonstrated during the September 17, 2013, exercise and to ensure compliance with 10 CFR 50.47(b)(14).

Enclosure

- The licensee's post-exercise critiques, to evaluate CENG's self-assessment of its Ginna ERO performance during the September 17, 2013, exercise and to ensure compliance with 10 CFR Part 50, Appendix E, Section IV.F.2.g.

The inspectors reviewed the documents listed in the attachment to this report.

b. Findings

No findings were identified.

1EP8 Exercise Evaluation – Scenario Review (71114.08 – 1 Sample)

a. Inspection Scope

Prior to the September 17, 2013, emergency preparedness exercise, the NRC inspectors conducted an in-office review of the exercise objectives and scenario, which CENG had submitted to the NRC, to determine if the exercise would test major elements of the Ginna Emergency Plan as required by 10 CFR 50.47(b)(14). This overall exercise inspection activity represented the completion of one sample on a biennial cycle.

The inspectors reviewed the documents listed in the attachment to this report.

b. Findings

No findings were identified.

4. OTHER ACTIVITIES (OA)

4OA1 Performance Indicator (PI) Verification (71151 – 3 Samples)

a. Inspection Scope

The inspectors reviewed data for the Ginna EP PIs, which are: (1) Drill and Exercise Performance (DEP) (EP01); (2) Emergency Response Organization (ERO) Drill Participation (EP02); and, (3) Alert and Notification System (ANS) Reliability (EP03). The last EP inspection at Ginna was conducted in the third calendar quarter of 2012, so the inspectors reviewed supporting documentation from EP drills and tests from the third calendar quarter of 2012 through the second calendar quarter of 2013, to verify the accuracy of the reported PI data. The review of these PIs was conducted in accordance with NRC Inspection Procedure 71151, using the acceptance criteria documented in NEI 99-02, "Regulatory Assessment Performance Indicator Guidelines," Revision 6.

This inspection activity represented the completion of three samples.

b. Findings

No findings were identified.

40A6 Meetings, including Exit

On September 19, 2013, the inspectors presented the results of this inspection to Mr. J. Pacher, Ginna Site Vice President, and other members of the CENG staff. The inspectors verified that no proprietary information was retained by the inspectors or documented in this report.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

J. Pacher, Site Vice President
R. Freeman, CENG Corporate Emergency Planning Manager
J. Scalzo, Ginna Emergency Planning Manager

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

None.

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation – Hostile Action (HA) Event

Ginna Station Nuclear Emergency Response Plan (Revision 03400)
Ginna Station September 17, 2013, Emergency Exercise Scenario Package
Ginna Station Emergency Plan Implementing Procedures
CNG-EP-1.01-1002, Control of Emergency Preparedness Program Activities
(Revision 00100)
CNG-EP-1.01-1005, EP Performance Objectives and Demonstration Criteria
(Revision 00300)
CNG-EP-1.01-1007, Evaluation and Documentation of Drills, Exercises and
Classified Events (Revision 00100)
ER-SEC.2, Response to Intrusion by Adversary (Revision 00604)
Ginna Station Emergency Preparedness Drill Reports, January 2012 - August 2013
Condition Reports generated as a result of the September 17, 2013, exercise
(As documented in Ginna Drill Report GIN-EP-EX-13-07)

Section 1EP8: Exercise Evaluation – Scenario Review

Ginna Station Nuclear Emergency Response Plan (Revision 03400)
Ginna Station September 17, 2013, Emergency Exercise Scenario Package
CNG-EP-1.01-1006, Drill and Exercise Scheduling and Preparation (Revision 00300)
EPG-8, Emergency Preparedness Scenario Development Guideline (Revision 00100)
EPG-9, Emergency Preparedness Drill Preparation Guideline (Revision 00100)

Section 4OA1: Performance Indicator (PI) Verification

CNG-NL-1.01-1010, NRC and INPO Performance Indicator Reporting (Revision 00600)
DEP PI data, July 2012 – June 2013
ERO Drill Participation PI data, July 2012 – June 2013
ANS Reliability PI data, July 2012 – June 2013

LIST OF ACRONYMS

ADAMS	Agencywide Documents Access and Management System
ANS	Alert Notification System
CENG	Constellation Energy Nuclear Group
DEP	Drill and Exercise Performance
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
HA	Hostile Action
ICP	Incident Command Post
NRC	Nuclear Regulatory Commission
PAR	Protective Action Recommendation
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center