

August 19, 2005

Mrs. Mary G. Korsnick
Vice President, R. E. Ginna Nuclear Power Plant
R. E. Ginna Nuclear Power Plant, LLC
1503 Lake Road
Ontario, NY 14519

SUBJECT: R. E. GINNA STATION - NRC EVALUATED EMERGENCY PREPAREDNESS
EXERCISE - INSPECTION REPORT NO. 05000244/2005007

Dear Mrs. Korsnick:

On July 21, 2005, the US Nuclear Regulatory Commission (NRC) completed an inspection at your R. E. Ginna Station. The enclosed inspection report documents the inspection results, which were discussed on July 21, 2005, 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 emergency plan procedures, previous drill reports, observed the exercise activities, and interviewed selected emergency preparedness personnel from your staff.

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

In accordance with 10CFR2.390 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 NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Raymond K. Lorson, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Mrs. Mary G. Korsnick

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Enclosure: Inspection Report No. 05000244/2005007
w/Attachment: Supplemental Information

cc w/encl:

M. J. Wallace, President, Constellation Generation
J. M. Heffley, Senior Vice President and Chief Nuclear Officer
P. Eddy, Electric Division, NYS Department of Public Service
C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law
C. W. Fleming, Esquire, Senior Counsel, Constellation Energy Group, Inc.
P. R. Smith, New York State Energy Research and Development Authority
J. Spath, Program Director, New York State Energy Research and Development Authority
T. Wideman, Director, Wayne County Emergency Management Office
M. Meisenzahl, Administrator, Monroe County, Office of Emergency Preparedness
T. Judson, Central New York Citizens Awareness Network
J. Picciano, Acting Regional Director, FEMA, Region II

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U. S. NUCLEAR REGULATORY COMMISSION REGION I

REGION I

Docket No: 50-244

License No: DPR-18

Report No: 05000244/2005007

Licensee: Constellation Generation Group, LLC

Facility: R. E. Ginna Station

Location: 1503 Lake Road
Ontario, New York 14519

Dates: July 18 - 21, 2005

Inspectors: D. Silk, Senior Emergency Preparedness Inspector, DRS (Lead)
K. Kolaczyk, Senior Resident Inspector, Ginna, Projects Branch 1, DRP
M. Brown, Operations Engineer, Operations Branch, DRS
J. McFadden, Senior Radiation Specialist, Plant Support Branch 2, DRS

Observers: K. Johnson, Intern, Engineering Branch 2, DRS

Approved by: Raymond K. Lorson, Chief
Plant Support Branch 1
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000244/2005-007; 07/18/2005-07/21/2005; R. E. Ginna Station; Emergency Preparedness Exercise; Emergency Preparedness Performance Indicators.

This inspection was conducted by three region-based inspectors and an emergency preparedness specialist from NSIR. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

A. NRC-Identified Findings

Cornerstone: Emergency Preparedness

None.

B. Licensee-Identified Findings

None.

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP1 Exercise Evaluation (71114.01 - 1 Sample)

a. Inspection Scope

Prior to the exercise, an in-office review was conducted of the exercise objectives and scenario submitted to the NRC to determine if the exercise would test major elements of the emergency plan as required by 10 CFR 50.47(b)(14). This inspection activity represents the completion of one sample on an biennial cycle.

The onsite inspection consisted of the following review and assessment:

- The adequacy of Constellation's performance in the biennial full-participation exercise regarding the implementation of the risk-significant planning standards (RSPS) in 10 CFR 50.47 (b) (4), (5), (9) & (10) which are emergency classification, offsite notification, radiological assessment, and protective action recommendations, respectively.
- The overall adequacy of Constellation's emergency response facilities with regard to NUREG-0696, "Functional Criteria for Emergency Response Facilities," and Emergency Plan commitments. The facilities assessed were the control room simulator, the Technical Support Center (TSC), the Operations Support Center (OSC), the Emergency Operations Facility (EOF) and the news center.
- Other performance areas, such as, the emergency response organization's (ERO) recognition of abnormal plant conditions, command and control, intra- and inter-facility communications, prioritization of mitigation activities, utilization of repair and field monitoring teams, interface with offsite agencies, and the overall implementation of the emergency plan and its implementing procedures.
- Past performance issues from NRC inspection reports and Constellation's drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10 CFR 50.47(b)(14).
- The post-exercise critique to evaluate Constellation's self-assessment of its ERO performance during the exercise and to ensure compliance with 10 CFR 50 Appendix E.IV.F.2.g.

The inspectors reviewed the documents listed in Attachment 1 to this report.

b. Findings

No findings of significance were identified.

1EP4 Emergency Action Level and Emergency Plan Changes (7111404 - 1 sample)

a. Inspection Scope

During the period of June 9 -10, 2005, the NRC received and acknowledged the changes made to the Ginna emergency plan in accordance with 10 CFR 50.54(q). The licensee had determined that the changes did not decrease the effectiveness to the plan and that the changes continue to meet the requirements of 10 CFR 50.47(b) and Appendix E to 10 CFR 50. The inspectors conducted a sampling review of the changes that could potentially result in a decrease in effectiveness. This review does not constitute an approval of the changes and, as such, the changes are subject to future NRC inspection. The inspection was conducted in accordance with NRC Inspection Procedure 71114, Attachment 4, and the applicable requirements in 10 CFR 50.54(q) were used as reference criteria. This inspection activity represents the completion of one sample on an annual cycle.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES (OA)

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

a. Inspection Scope

The inspectors reviewed data for the EP PIs which are: (1) Drill and Exercise Performance (DEP); (2) ERO Drill Participation; and (3) Alert and Notification System (ANS) Reliability. The inspector reviewed supporting documentation from drills and ANS testing in the second, third, and fourth quarters of 2004 and the first two quarters of 2005 to verify the accuracy of the reported data. The review of these PIs was conducted in accordance with NRC Inspection Procedure 71151. The acceptance criteria used for the review were 10 CFR 50.9 and NEI 99-02, Revision 2, "Regulatory Assessment Performance Indicator Guidelines." This inspection activity represents the completion of three samples on an annual cycle.

b. Findings

No findings of significance were identified.

40A2 Identification and Resolution of Problems (71152: 1 sample)

a. Inspection Scope

The inspectors reviewed Constellation's critique findings as documented in drill and exercise reports from 2004 and 2005. These reviews were conducted to determine if significant performance trends exist and to determine the effectiveness of licensee corrective actions based upon ERO performance during this exercise. The inspectors verified that issues identified during this exercise were entered into Constellation's corrective action program and are listed in the attachment to this report. The inspection was conducted in accordance with NRC Inspection Procedure 71114, Attachment 01. 10 CFR 50.47(b)(14) and Appendix E IV.F.2.g were used as reference criteria for this evaluation.

b. Findings and Observations

No findings of significance were identified.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Ms. Mary Korsnick, Vice President, and other members of the licensee's staff at the conclusion of the inspection on July 21, 2005. The licensee had no objections to the NRC observations. No proprietary information was provided to the inspectors during this inspection.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

F. Cordaro, Onsite Emergency Planner
T. Harding, Licensing Engineer
T. Laursen, Emergency Preparedness Manager
P. Polfleit, Corporate Nuclear Emergency Planner

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, Discussed

None

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Ginna Station Emergency Plan
Emergency Plan Implementing Procedures

Section 1EP4: Emergency Action Level and Emergency Plan Changes

R. E. Ginna Emergency Plan, Rev 24
EPIP 1-5, Notifications, Rev 65
EPIP 1-6, Site Evacuation, Rev 19
EPIP 1-9, Technical Support Center Action, Rev 30
EPIP 1-11, Survey Center Activation, Rev 33
EPIP 1-18, Discretionary Actions for Emergency Conditions, Rev 9
EPIP 2-2, Obtaining Meteorological Data and Forecasts and Their Use in Emergency Dose Assessment, Rev 17
EPIP 2-14, Post Plume Environmental Sampling, Rev 17
EPIP 2-17, Hypothetical (Pre-Release) Dose Estimates, Rev 10
EPIP 3-1, Emergency Operations Facility (EOF) Activation and Operations, Rev 29
EPIP 3-4, Emergency Termination and Recovery, Rev 13
EPIP 4-6, Joint Emergency News Center Activation, Rev 12
EPIP 4-7, Public Information Organization Staffing, Rev 30
EPIP 5-1, Offsite Emergency Response Facilities and Equipment Periodic Inventory Checks and Tests, Rev 32

EPIP 5-2, Onsite Emergency Response Facilities and Equipment Periodic Inventory Checks and Tests, Rev 36

EPIP 5-7, Emergency Organization, Rev 28

EPIP 5-9, Testing the Off Hours Call-In Procedure and Quarterly Telephone Number Check, Rev 12

Section 40A1 Performance Indicator Verification

An Off-Site Emergency Plan Prompt Alert and Notification System Addendum for the R. E. Ginna Nuclear Power Station

Section 40A2: Identification and Resolution of Problems

2004 Practice Drill Critique

2004 Exercise Critique

2005 Practice Drill Critique

CR 2005-3794, Training

CR 2005-3795, Human Performance

CR 2005-3796, Equipment

LIST OF ACRONYMS

ANS	Alert and Notification System
AR	Action Report
CFR	Code of Federal Regulations
DEP	Drill and Exercise Performance
ERO	Emergency Response Organization
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
IR	Issue Report
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center