



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

July 31, 2013

Mr. Christopher Costanzo, Site Vice President
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093-0063

SUBJECT: NINE MILE POINT NUCLEAR STATION, LLC - NRC EVALUATED
EMERGENCY PREPAREDNESS EXERCISE – INSPECTION REPORT NO.
05000220/2013503 AND 05000410/2013503

Dear Mr. Costanzo:

On June 21, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the June 19, 2013, evaluated emergency preparedness exercise (EP) at your Nine Mile Point Nuclear Power Station. The enclosed Inspection Report documents the inspection results, which were discussed on June 21, 2013, with you and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your licenses. 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). 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 Nos. 50-220, 50-410
License Nos. DPR-63, NPF-69

C. Constanzo

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Enclosure:

NRC Inspection Report Nos. 05000220/2013503 and 05000410/2013503

cc w/encl: Distribution via ListServ

R. Thomson, RAC Chair, FEMA, Region II

Mr. Christopher Constanzo, Site Vice President
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Lycoming, NY 13093-0063

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Division of Reactor Safety

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Distribution: See Next Page

DOCUMENT NAME: G:\DRS\Plant Support Branch 1\Barr\EP Ex13 NMP\NMP EP EX 2013 Report.docx ADAMS
ACCESSION NUMBER: ML13212A219

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OFFICE	RI/DRS	RI/DRP	RI/DRS		
NAME	SBarr	DSchroeder	ADimitriadis		
DATE	07/31/2013	07/29/2013	07/31/2013		

OFFICIAL RECORD COPY

C. Costanzo

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R. Kahler, NSIR/EPD

S. LaVie, NSIR/EPD

U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-220, 50-410

License No: DPR-63, NPF-69

Report No: 05000220/2013503 and 05000410/2013503

Licensee: Constellation Energy Nuclear Group, LLC

Facility: Nine Mile Point Nuclear Station, LLC Units 1 and 2

Location: Oswego, New York

Dates: June 17-21, 2013

Inspectors: S. Barr, Sr. Emergency Preparedness Inspector, DRS, Region I (Lead)
E. Burket, Emergency Preparedness Inspector, DRS, Region I
T. Fish, Senior Operations Engineer, DRS, Region I
J. DeMarshall, Operations Engineer, DRS, Region I
S. LaVie, Senior Emergency Preparedness Specialist, NSIR

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

SUMMARY OF FINDINGS

IR 05000220/2013503, 05000410/2013503; 6/17/2013-6/21/2013; Nine Mile Point Nuclear Station; Exercise Evaluation; Exercise Evaluation – Scenario Review; Performance Indicator Verification.

This was an announced inspection conducted by four Region I-based inspectors 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 (71114.01 – 1 Sample)

a. Inspection Scope

On June 19, 2013, Constellation conducted a Nine Mile Point Nuclear Station biennial emergency preparedness exercise. The NRC inspectors evaluated the adequacy of the licensee's conduct of the exercise and its capability to assess Constellation staff performance via a formal critique process, as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 50.47(b) (14). 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 Constellation'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 Constellation's emergency response facilities with regard to Emergency Plan commitments. The facilities assessed were the Control Room Simulator, the offsite alternative facility, the incident command post, and the Emergency Operations Facility (EOF).
- A review of other performance areas, such as the licensee's ERO 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 NMP exercise inspection report and Constellation's EP drill reports, to determine the effectiveness of licensee corrective actions as demonstrated during the June 19, 2013, exercise and to ensure compliance with 10 CFR 50.47(b)(14)
- The licensee's post-exercise critiques, to evaluate Constellation's self-assessment of its ERO performance during the June 19, 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 June 19, 2013, emergency preparedness exercise, the NRC inspectors conducted an in-office review of the exercise objectives and scenario, which Constellation had submitted to the NRC, to determine if the exercise would test major elements of the Nine Mile Point Nuclear Station Emergency Plan as required by Title 10 of the *Code of Federal Regulations* (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 NMP EP PIs, which are: (1) Drill and Exercise Performance (DEP); (2) Emergency Response Organization (ERO) Drill Participation; and, (3) Alert and Notification System (ANS) Reliability. The last EP inspection at NMP 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 first 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.

4OA6 Meetings, including Exit

On June 21, 2013, the inspectors presented the results of this inspection to Mr. C. Costanzo, NMP Site Vice President, and other members of the Constellation 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

C. Costanzo, NMP Site Vice President
A. Verno, NMP Emergency Planning Manager

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

None.

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Nine Mile Point Nuclear Station Site Emergency Plan (Revision 59)
Nine Mile Point Nuclear Station Emergency Plan Implementing Procedures
Nine Mile Point June 19, 2013, Emergency Exercise Scenario Package
CNG-EP-1.01-1006, Drill and Exercise Scheduling and Preparation (Revision 3)
CNG-EP-1.01-1007, Evaluation and Documentation of Drills, Exercises and Classified Events
(Revision 1)
Nine Mile Point Emergency Preparedness Drill Reports, July 2012 – June 2013
Condition Reports generated from the June 19, 2013, Exercise (As documented in Nine Mile
Point Graded Exercise Evaluation Report NMP-EP-EX-13-3, dated July 15, 2013)

Section 1EP8: Exercise Evaluation – Scenario Review

Nine Mile Point Nuclear Station Emergency Plan Implementing Procedures
Nine Mile Point June 19, 2013, Emergency Exercise Scenario Package
CNG-EP-1.01-1006, Drill and Exercise Scheduling and Preparation (Revision 1)

Section 4OA1: Performance Indicator (PI) Verification

CNG-EP-1.01-1001, Emergency Preparedness Program Responsibilities
And Oversight (Revision 1)
CNG- FS-1.01-1000, Key Performance Indicator and Measurement Process (Revision 3)
EPMP-EPP-05, Emergency Planning Self-Assessment (Revision 18)
Alert Notification System PI data, July 2012 – March 2013
DEP PI data, July 2012 – March 2013
ERO Drill Participation PI data, July 2012 – March 2013

LIST OF ACRONYMS

ADAMS	Agencywide Documents Access and Management System
ANS	Alert Notification System
AR	Action Request
DEP	Drill and Exercise Performance
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
NMP	Nine Mile Point
NRC	Nuclear Regulatory Commission
PAR	Protective Action Recommendation
PI	Performance Indicator
RSPS	Risk Significant Planning Standard