

November 7, 2005

Mr. Christopher M. Crane
President and CEO
AmerGen Energy Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

SUBJECT: OYSTER CREEK - NRC EVALUATED EMERGENCY PREPAREDNESS
EXERCISE INSPECTION REPORT 05000219/2005012

Dear Mr. Crane:

The enclosed report documents an inspection at the Oyster Creek Nuclear Generating Station, which evaluated the performance of your emergency response organization during the October 18, 2005, exercise and the post-exercise critique as specified in the reactor oversight program. The inspectors discussed the findings of this inspection with Mr. Bud Swenson and other members of your staff on October 21, 2005.

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. 50-219
License No. DPR-16

Mr. John L. Skolds

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Enclosure: Inspection Report No. 050002192/2005012
w/Attachment: Supplemental Information

cc w/encl:

Chief Operating Officer, AmerGen
Site Vice President, Oyster Creek Nuclear Generating Station, AmerGen
Plant Manager, Oyster Creek Generating Station, AmerGen
Regulatory Assurance Manager Oyster Creek, AmerGen
Senior Vice President - Nuclear Services, AmerGen
Vice President - Mid-Atlantic Operations, AmerGen
Vice President - Operations Support, AmerGen
Vice President - Licensing and Regulatory Affairs, AmerGen
Director Licensing, AmerGen
Manager Licensing - Oyster Creek, AmerGen
Vice President, General Counsel and Secretary, AmerGen
T. O'Neill, Associate General Counsel, Exelon Generation Company
J. Fewell, Assistant General Counsel, Exelon Nuclear
Correspondence Control Desk, AmerGen
J. Matthews, Esquire, Morgan, Lewis & Bockius LLP
Mayor of Lacey Township
K. Tosch, Acting Assistant Director of Radiation Programs, State of New Jersey
Chief, Bureau of Nuclear Engineering, NJ Dept. of Environmental Protection
R. Shadis, New England Coalition Staff
N. Cohen, Coordinator - Unplug Salem Campaign
W. Costanzo, Technical Advisor - Jersey Shore Nuclear Watch
E. Gbur, Chairwoman - Jersey Shore Nuclear Watch
E. Zobian, Coordinator - Jersey Shore Anti Nuclear Alliance
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Mr. John L. Skolds

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OFFICE	RI/DRS		RI/DRP		RI/DRS				
NAME	DSilk (DMS)		RBellamy (RRB)		RLorson (RKL)				
DATE	10/25/05		10/25/05		11/07/05				

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U. S. NUCLEAR REGULATORY COMMISSION REGION I
REGION I

Docket No: 50-219

License No: DPR-16

Report No: 05000219/2005012

Licensee: AmerGen Energy Company LLC (AmerGen)

Facility: Oyster Creek Nuclear Generating Station

Location: Forked River, New Jersey

Dates: October 18 - 21, 2005

Inspectors: D. Silk, Senior Emergency Preparedness Inspector, DRS (Lead)
A. Patel, Resident Inspector, Oyster Creek, DRP, Branch 1
S. Dennis, Senior Operations Engineer, DRS
J. Schmidt, Radiation Protection Specialist, DNMS

Observers: T. Setzer, Project Engineer, DRP, Branch 1
N. Sieller, Reactor Engineer, DRP, Branch 6
R. Russell, Bureau of Nuclear Engineering, State of New Jersey

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

Enclosure

SUMMARY OF FINDINGS

IR 05000219/2005012; 10/18/2005-10/21/2005; Oyster Creek Nuclear Generating 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 August 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 a biennial cycle.

The onsite inspection consisted of the following review and assessment:

- The adequacy of AmerGen'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 AmerGen'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), and the Emergency Operations Facility (EOF).
- 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, staffing and procedure adequacy, and the overall implementation of the emergency plan and its implementing procedures.
- Past performance issues from NRC inspection reports and AmerGen'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 AmerGen'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.

Enclosure

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 third and fourth quarters of 2004 and the first three quarters of 2005 to verify the accuracy of the reported data. The review of these performance indicators 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.

4OA2 Identification and Resolution of Problems (71152: 1 Sample)

a. Inspection Scope

The inspectors reviewed AmerGen'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 AmerGen'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.

b. Findings and Observations

No findings of significance were identified. The inspectors noted that the licensee was self-critical at identifying issues during this exercise.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Mr. Bud Swenson, Site Vice President, and other members of the licensee's staff at the conclusion of the inspection on October 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

D. Fawcett, Oyster Creek Licensing Engineer
J. Karkoska, Mid-Atlantic Emergency Preparedness Manager
S. Mannix, Oyster Creek Drill/Exercise Coordinator
K. Poletti, Oyster Creek Emergency Preparedness Manager

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, Discussed

None

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Oyster Creek Emergency Plan
Emergency Plan Implementing Procedures

Section 4OA1: Performance Indicator Verification

Records for DEP, ERO Participation, and ANS testing between 7/1/04 - 9/30/05

Section 4OA2: Identification and Resolution of Problems

Oyster Creek September 9, 2003 Graded Exercise Evaluation Report
Oyster Creek May 6, 2004 Drill Findings and Observation Report
Oyster Creek Integrated Drill Findings and Observation Report (August 12, 2004)
Oyster Creek October 5, 2004 Off-Year Exercise Findings and Observation Report
Oyster Creek Focused Area Drill Findings and Observation Report (March 2, 2005)
Oyster Creek April 13, 2005 Integrated Drill Report
Oyster Creek August 24, 2005 Integrated Drill Report

Action Reports Generated from the 10/18/05 Exercise:

AR 00388580 Inaccurate GE Notification Form regarding radiological release status
AR 00388589 KI for repair team to be issued prior to exposure
AR 00388604 EOF did not recognize release nor loss of RAGEMs in timely manner

LIST OF ACRONYMS

ANS	Alert and Notification System
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
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center