



FEMA

March 25, 2016

NRC Headquarters Document Control Desk
US Nuclear Regulatory Commission
Washington, DC 20555-0001

To whom it may concern:

Enclosed please find a copy of the Final After Action Report/Improvement Plan for the Hostile Action Based Exercise for the 10-Mile Emergency Planning Zone (EPZ) around the Oyster Creek Nuclear Generating Station held on September 29, 2015. Also included in the report are the evaluations of 14 Out-of-Sequence drills and demonstrations held in the 2-year cycle associated with this exercise.

New Jersey State and local governments successfully demonstrated the capability to implement their off-site radiological emergency response plans and procedures, based on the evaluation of this exercise by the FEMA Region II Regional Assistance Committee and a team of Federal evaluators.

No Level 1 Findings were identified as a result of this exercise. There was three new Level 2 Findings and five Planning Issues identified.

Six prior Areas Requiring Corrective Action (ARCA's), and one Planning Issue from the previous exercise were corrected. Therefore, we find that State and local preparedness is adequate to protect the health and safety of the public living in the vicinity of the Oyster Creek Nuclear Generating Station and there is reasonable assurance that appropriate measures can be taken offsite in the event of a radiological emergency.

If you have any questions regarding this matter, please contact me at 212-680-8507.

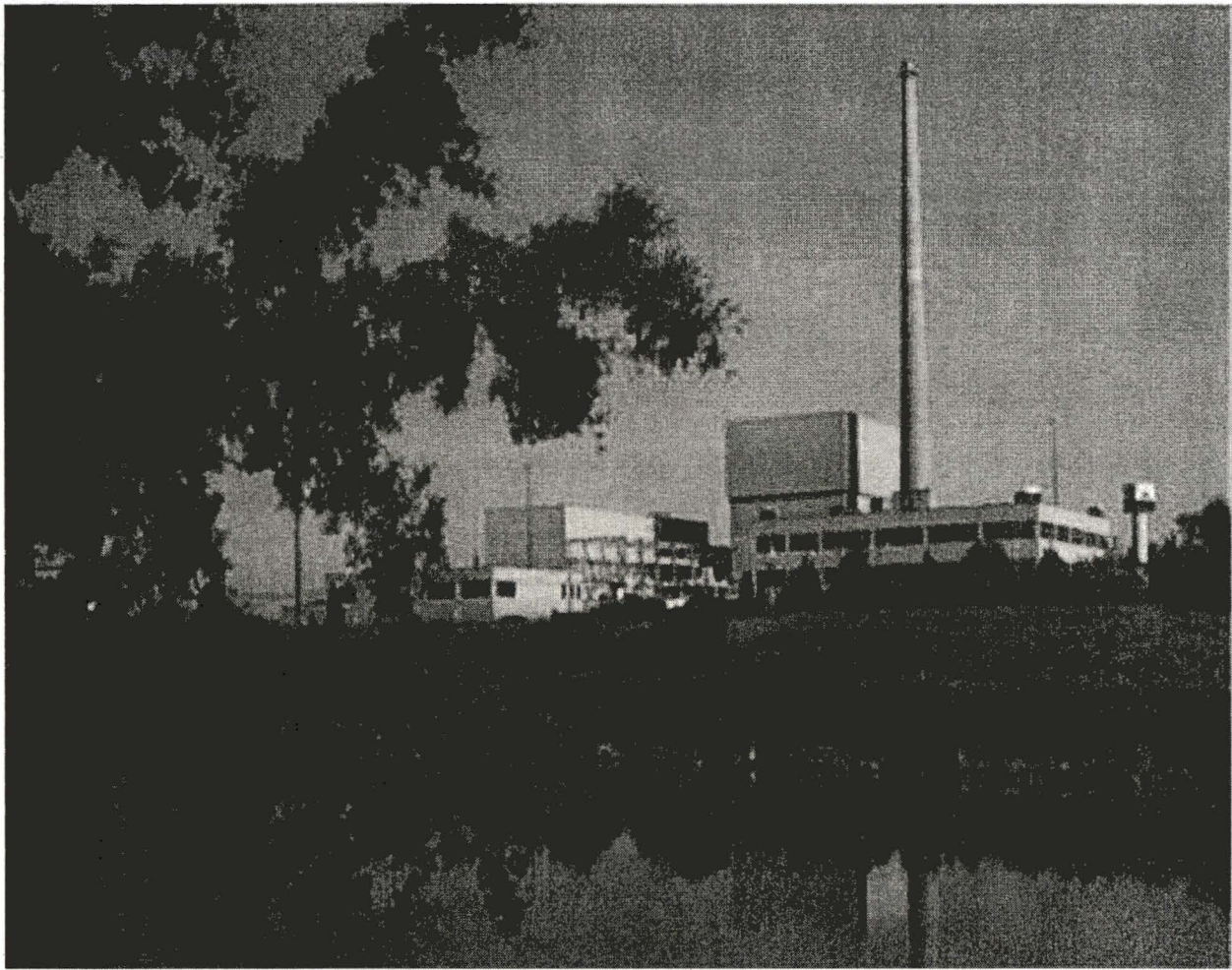
Respectfully,

David Musick
RAC Chair
FEMA Region II

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Enc.

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Oyster Creek Nuclear Generating Station

After Action Report/ Improvement Plan

Exercise Date – September 29, 2015

Radiological Emergency Preparedness (REP) Program



FEMA

Published February 15, 2015

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Oyster Creek Nuclear Generating Station After Action Report/Improvement Plan

Published November 25, 2015

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EXECUTIVE SUMMARY

1.0 EXECUTIVE SUMMARY

On September 29, 2015, a Hostile Action Based Exercise was conducted in the 10-Mile Plume Exposure Pathway, Emergency Planning Zone (EPZ) around the Oyster Creek Nuclear Generation Station by the Department of Homeland (DHS) Region II. The purpose of the exercise was to assess the level of State and local preparedness in responding to a hostile action based radiological event. This exercise was held in accordance with FEMA's policies and guidance concerning the exercise of State and local radiological emergency response plans (RERPs) and procedures.

The most recent full-scale plume pathway exercise at this site was conducted on March 18, 2014. The qualifying emergency preparedness exercise was conducted on March 16, 1982.

DHS wishes to acknowledge the efforts of the many individuals in New Jersey State, and Ocean County who participated in this exercise. Protecting the public health and safety is the full-time job of some of the exercise participants and an additional assigned responsibility for others. Still others have willingly sought this responsibility by volunteering to provide vital emergency services to their communities. Cooperation and teamwork of all the participants were evident during this exercise.

This report contains the final evaluation of the Hostile Action Based Exercise, and the evaluation of the following out-of-sequence with the exercise demonstrations:

EAS Radio Station - WRAT-FM: September 2, 2015

Tribro Volunteer Fire Co. - Emergency Worker Decontamination Center: October 27, 2015

School Interviews: July 20-24, 2015

Lacey School District - School Bus Drivers Interview: July 29, 2015

New Jersey Transit - Transportation Dependent Bus Run: August 25, 2015

Lacey Township Police Department - Traffic Control Points: July 28, 2015

Pinelands Regional High School - Reception Center: August 18, 2015

New Jersey State Police - Land Access Control Point: August 25, 2015

New Jersey State Police - Waterway Access Control Point: September 22, 2015

Lanoka Harbor First Aid Squad – MS-1 Drill: October 23, 2015

Toms River Community Medical Center – MS-1 Drill: October 23, 2015

Long Beach Township - Back-up Route Alerting: September 15, 2015

Borough of Surf City – Hearing Impaired: September 21, 2015

Borough of Toms River – Mobility Impaired: August 14, 2015

The State and local organizations except where noted in this report, demonstrated knowledge of their emergency plans and procedures and adequately implemented them. There were no Deficiencies identified for this Exercise. There was three new Level 2, and five Planning Issues were identified for this Exercise. Six prior ARCAs and one Planning Issue were successfully resolved.

SECTION 1: EXERCISE OVERVIEW

1.1 Exercise Details

Exercise Name

Plume 2015-09-29

Type of Exercise

Hostile Action

Exercise Date

September 29, 2015

Program

Department of Homeland Security/FEMA Radiological Emergency Preparedness Program

Scenario Type

Not Applicable

1.2 Exercise Planning Team Leadership

David Musick, REP Program RAC Chair, DHS/FEMA Region II

William Cullen, REP Program DHS/FEMA Region II

Brian Hasemann, REP Program DHS/FEMA Region II

Laura Forrest, REP Program DHS/FEMA Region II

Jon Christiansen, RERP New Jersey State Police

Jerome Renner, RERP New Jersey State Police

1.3 Participating Organizations

Agencies and organizations of the following jurisdictions participated in the Oyster Creek Nuclear Generating Station exercise:

State Jurisdictions:

New Jersey State Police Staging Area
New Jersey State Police Unified Command Center
New Jersey State Office of Emergency Management
New Jersey State Police
New Jersey State Office of Health and Senior Services
New Jersey Bureau of Nuclear Engineering
New Jersey State Department of Law and Public Safety
New Jersey Bureau of Environmental Radiation
New Jersey Bureau of Public Utilities
New Jersey Bureau of Radiological Health
New Jersey Department of Environmental Protection
New Jersey Department of Corrections
New Jersey Department of Military and Veterans Affairs
New Jersey District Attorney's Office
New Jersey Bureau of Communications and Support Services
New Jersey State office of Homeland Security & Preparedness
New Jersey Department of Agriculture
New Jersey Department of Human Services
New Jersey Department of Mental Health Services
New Jersey State Department of Transportation
New Jersey Transit
New Jersey State Information Technology Bureau
New Jersey State Police Tactical Operations Center

Risk Jurisdictions:

Ocean County Warning Point/911 Center
Ocean County Office of Emergency Management
Ocean County Sheriff's Department
Ocean County Board of Chosen Freeholders
Ocean County Health Department
Ocean County Department of Public Affairs
Ocean County EMS
Ocean County Engineering Dept.
Ocean County Fire Dept.
Ocean County Highway Dept.
Ocean County Office of Communications
Ocean County Office of Education

Ocean County SWAT Team
Ocean County Office of Domestic Preparedness
Ocean County Office of Human Services
Ocean County Office of Public Information
Ocean County Prosecutor's Office
Ocean County Resource Management
Ocean County Road Dept.
Ocean County Dept. of Social Services
Ocean County Superintendent of Schools
Ocean County Traffic Safety
Ocean County Transportation Dept.
Ocean County Vehicle Services
Ocean County Veterinary Services
Barnegat Township
Beachwood Borough
Berkeley Township
Toms River Township
Harvey Cedars Borough
Island Heights Borough
Lacey Township
Long Beach Township
Ocean Gate Borough
Ocean Township
Pine Beach Borough
Barnegat Light Borough
Seaside Park Borough
South Toms River Borough
Stafford Township
Surf City Borough
Ship Bottom Borough

Joint Information Center

Exelon Generation
New Jersey Office of Emergency Management
New Jersey Bureau of Nuclear Engineering
New Jersey State Police
New Jersey Office of Health and Senior Services

Support Jurisdictions:

Triboro Volunteer Fire Company
Pinelands Regional High School
Lanoka Harbor First Aid Squad
Toms River Community Medical Center

Private Organizations:

Exelon Generation
Ocean County Community Emergency Response Team
Ocean County Chapter American Red Cross
Ocean County RACES
Radio Station WRAT

Federal Organizations

Federal Emergency Management Agency
United States Nuclear Regulatory Commission
Federal Bureau of Investigation

SECTION 2: EXERCISE DESIGN SUMMARY

2.1 Exercise Purpose and Design

On December 7, 1979, the President directed FEMA to assume the lead responsibility for all offsite nuclear planning and response. FEMA's activities are conducted pursuant to 44 Code of Federal Regulations (CFR) Parts 350, 351 and 352. These regulations are a key element in the Radiological Emergency Preparedness (REP) Program that was established following the Three Mile Island Nuclear Station accident in March 1979.

FEMA Rule 44 CFR 350 establishes the policies and procedures for FEMA's initial and continued approval of State and local governments' radiological emergency planning and preparedness for commercial nuclear power plants. This approval is contingent, in part, on State and local government participation in joint exercises with licensees.

FEMA's responsibilities in radiological emergency planning for fixed nuclear facilities include the following:

- Taking the lead in offsite emergency planning and in the review and evaluation of the RERP and associated procedures developed by State and local governments;
- Determining whether such plans and procedures can be implemented on the basis of observation and evaluation of exercises of the plans and procedures conducted by State and local governments;
- Responding to requests by the U.S. Nuclear Regulatory Commission (NRC) pursuant to the Memorandum of Understanding between the NRC and FEMA dated June 17, 1993 (Federal Register, Vol. 58, No. 176, September 14, 1993); and
- Coordinating the activities of Federal agencies with responsibilities in the radiological emergency planning process:
 - U.S. Department of Commerce,
 - U.S. Nuclear Regulatory Commission,
 - U.S. Environmental Protection Agency,

- U.S. Department of Energy,
- U.S. Department of Health and Human Services,
- U.S. Department of Transportation,
- U.S. Department of Agriculture,
- U.S. Department of the Interior, and
- U.S. Food and Drug Administration.

Representatives of these agencies serve on the FEMA Region II Regional Assistance Committee (RAC), which is chaired by FEMA.

The State of New Jersey formally submitted their RERPs for the OCNGS to FEMA Region II on June 16, 1983. FEMA granted formal approval of the RERPs, under 44 CFR 350, on April 30, 1990. The qualifying emergency preparedness exercise was conducted on March 16, 1982.

A Hostile Action Based REP Exercise conducted on September 29, 2015, allowed FEMA Region II to assess the capabilities of State and local emergency preparedness organizations in implementing their RERPs and procedures to protect the public health and safety during a radiological emergency involving the Oyster Creek Nuclear Generating Station. The purpose of this exercise report is to present the exercise results and findings on the performance of the offsite response organizations (ORO) during a simulated radiological emergency.

The findings presented in this report are based on the evaluations of the Federal evaluator team, with final determinations made by the FEMA Region II RAC Chairperson, and approved by the Regional Administrator.

The criteria utilized in the FEMA evaluation process are contained in:

- NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980 (hereafter referred to as NUREG-0654);
- FEMA REP Program Manual, July, 2015.

Section 1 of this report, entitled "Exercise Overview," presents basic information and data relevant to the exercise. This section of the report contains the exercise details, a listing of the exercise planning team members and all the participating organizations.

Section 3 of this report, entitled "Analysis and Capabilities," presents detailed information on the demonstration of applicable exercise objectives at each jurisdiction or functional entity evaluated in a jurisdiction-based, issues-only format. Table 3.1 titled, "Summary of Exercise Evaluation" is a tabular representation of exercise criteria. Section 3 also contains: (1) descriptions of all Deficiencies and ARCAs assessed during this exercise, recommended corrective actions, and the State and local governments' schedule of corrective actions for each identified exercise issue and

(2) Descriptions of unresolved ARCAs assessed during previous exercises and the status of the OROs' efforts to resolve them.

2.2 Exercise Objectives, Capabilities and Activities

- Capabilities-based planning allows for exercise planning teams to develop exercise objectives and observe exercise outcomes through a framework of specific action items that were derived from the Target Capabilities List (TCL). The capabilities listed below form the foundation for the organization of all FEMA Region II REP Program objectives and observations in this exercise.
- Emergency Operations Center Management: Is the capability to provide multi-agency coordination (MAC) for incident management by activating and operating an EOC for a preplanned or no-notice event. EOC management includes EOC activation, notification, staffing, and deactivation; management, direction, control, and coordination of response and recovery activities; coordination of efforts among neighboring governments at each level and among local, regional, state, and federal EOCs; coordination public information and warning; and maintenance of the information and communication necessary for coordinating response and recovery activities.
- Emergency Public Information and Warning: Is the capability that includes public information, alert/warning and notification. It involves developing, coordinating, and disseminating information to the public, coordinating officials, and incident management and responders across all jurisdictions and disciplines effectively under all hazard conditions.
- Citizen Evacuation and Shelter in Place: Is the capability to prepare for, ensure communication of, and immediately execute the safe and effective sheltering-in-place of an at-risk population (and companion animals), and/or the organized and managed evacuation of the at-risk populations to areas of safe refuge in response to a potentially or actually dangerous environment. In addition, this capability involves the safe reentry of the population where feasible.

- **Emergency Public Safety and Security Response:** Is the capability to reduce the impact and consequences of an incident or major event by securing the affected area, including crime/incident scene preservation issues as appropriate, safely diverting the public from hazards, providing security support to other response operations and properties, and sustaining operations from response through recovery. Public Safety and Security Response requires coordination among officials from law enforcement (LE), fire, and EMS.
- **Hazardous Materials Response and Decontamination:** Is the capability to assess and manage the consequences of a hazardous materials release, either accidental or as part of a terrorist attack. It includes testing and identifying all likely hazardous substances onsite; ensuring that responders have protective clothing and equipment; conducting rescue operations to remove affected victims from the hazardous environment; conducting geographical survey searches of suspected sources of contamination spreads and establishing isolation perimeters; mitigating the effects of hazardous materials, decontaminating on-site victims, responders, and equipment; coordinating off-site decontamination with relevant agencies, and notifying environmental, health, and law enforcement agencies having jurisdiction for the incident to begin implementation of their standard evidence collection and investigation procedures.
- **Mass Care:** Is the capability to provide immediate shelter, feeding centers, basic first aid, bulk distribution of needed items, and related services to persons affected by a large-scale incident, including special needs populations. Special needs populations include individuals with physical or mental disabilities who require medical attention or personal care beyond basic first aid. Other special-needs populations include non-English speaking populations that may need to have information presented in other languages. The mass care capability also provides for pet care/handling through local government and appropriate animal-related organizations. Mass care is usually performed by nongovernmental organizations (NGO), such as the American Red Cross (ARC), or by local government-sponsored volunteer efforts, such as Citizen Corps. Special needs populations are generally the responsibility of local government, with medical needs addressed by the medical community and/or its alternate care facilities. State and Federal entities also play a role in public and environmental health by ensuring safe conditions, safe food, potable water, sanitation, clean air, etc.
- **Triage and Pre-Hospital Treatment:** Is the capability to appropriately dispatch EMS resources; to provide feasible, suitable, and medically acceptable pre-hospital triage and treatment of patients; to provide transport as well as medical care en-route to an appropriate receiving facility; and to track patients to a treatment facility.

2.3 Scenario Summary

2015 OYSTER CREEK HOSTILE ACTION BASED EXERCISE (September 29, 2015) DRILL & EXERCISE SUMMARY:

Time: 1650

Description: Site Area Emergency

Hostile Action within the Protected Area.

Wind speed 11mph, wind direction from 210 degrees.

Time: 1730

Description: General Emergency

Prolonged loss of all off-site and all on-site AC power to emergency busses. Loss of physical control of the facility.

Wind speed 11mph, Wind direction from 210 degrees.

Protective Action Recommendation:

Shelter in Place ERPAs: 1, 2, 3, 4, 5, 6, 9, 18 and 19.0-5 miles from 0-360 degrees.

Time: 2030

Description: Exercise Termination

SECTION 3: ANALYSIS OF CAPABILITIES

3.1 Exercise Evaluation and Results

Contained in this section are the results and findings of the evaluation of all jurisdictions and functional entities which participated in the September 29, 2015, Hostile Action Based Exercise to test the offsite emergency response capabilities of State and local governments in the 10-Mile EPZ surrounding the Oyster Creek Nuclear Generating Station. Each jurisdiction and functional entity was evaluated on the basis of its demonstration of criteria delineated in exercise evaluation areas contained in the FEMA REP Program Manual, July, 2015.

Language and definitions for evaluated observations and issues during REPP exercises as follows:

- Level 1 Finding: An observed or identified inadequacy of organizational performance in an exercise that could cause a determination that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a Nuclear Power Plant (NPP).
- Level 2 Finding: An observed or identified inadequacy of organizational performance in an exercise that is not considered, by itself, to adversely impact public health and safety.
- Plan Issue: An observed or identified inadequacy in the offsite response organizations' (ORO's) emergency plan/implementing procedures, rather than that of the ORO's performance.

3.2 Summary Results of Exercise Evaluation

The matrix presented in Table 3.1 on the following page, presents the status of all exercise evaluation area criteria that were scheduled for demonstration during this exercise by all participating jurisdictions and functional entities. Exercise criteria are listed by number and the demonstration status is indicated by the use of the following letters:

M - Met

L1 – Level 1 Finding Assessed: NONE

L2 – Level 2 Findings Assessed: 3

P - Planning Issues Assessed: 5, 1 Planning Issue Resolved

N - Not Demonstrated

Prior Issues Resolved: 6

Prior Issues Unresolved: NONE

Tables 3.1 - Summary of Exercise Evaluation
Table 3.1a - Exercise Evaluation by Classification

Date: 9/29/2015

Site: Oyster Creek Nuclear Generating Station

Location Abbreviation	Criteria Title	Criteria	Classification
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Table 3.1b – Exercise Evaluation – Criteria Not Demonstrated

Date: 9/29/2015

Site: Oyster Creek Nuclear Generating Station

Location Abbreviation	Criteria Title	Criteria
NJ UCC	Mobilization	1a1
OCNJ BB EOC	Implementation of Ingestion Pathway Decisions	3e1

Table 3.1c – Exercise Evaluation – Criteria Met

Date: 9/29/2015

Site: Oyster Creek Nuclear Generating Station

Location Abbreviation	Criteria Title	Criteria
NJ SEOC	PADs for the Protection of persons with disabilities and access/functional needs	2c1
NJ SEOC	Direction and Control	1c1
NJ SEOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
NJ SEOC	Mobilization	1a1
NJ SEOC	Equipment and Supplies to Support Operations	1e1
NJ SEOC	Communications Equipment	1d1
NJ SEOC	Facilities	1b1
NJ SEOC	Communications Equipment	1d1
NJ SEOC	Equipment and Supplies to Support Operations	1e1
NJ SEOC	Facilities	1b1
NJ SP LACP	Implementation of Traffic and Access Control	3d1
NJ SP LACP	Implementation of Emergency Worker Exposure Control	3a1
NJ SP LACP	Equipment and Supplies to Support Operations	1e1

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NJ SP LACP	Communications Equipment	1d1
NJ SP SA	Implementation of Emergency Worker Exposure Control	3a1
NJ SP SA	Equipment and Supplies to Support Operations	1e1
NJ SP SA	Communications Equipment	1d1
NJ SP SA	Direction and Control	1c1
NJ SP SA	Mobilization	1a1
NJ SP TOC	Implementation of Emergency Worker Exposure Control	3a1
NJ SP TOC	Equipment and Supplies to Support Operations	1e1
NJ SP TOC	Communications Equipment	1d1
NJ SP TOC	Direction and Control	1c1
NJ SP TOC	Mobilization	1a1
NJ UCC	Facilities	1b1
NJ UCC	Equipment and Supplies to Support Operations	1e1
NJ UCC	Dose Assessment & PARs & PADs for the Emergency Event	2b2
NJ UCC	Mobilization	1a1
NJ UCC	Communications Equipment	1d1
NJ UCC	Implementation of Emergency Worker Exposure Control	3a1
OC JIC	Equipment and Supplies to Support Operations	1e1
OC JIC	Communications Equipment	1d1
OC JIC	Facilities	1b1
OC JIC	Emergency Information and Instructions for the Public and the Media	5b1
OC JIC	Direction and Control	1c1
OC JIC	Mobilization	1a1
OCNJ Barnegat EOC	Implementation of Traffic and Access Control	3d2
OCNJ Barnegat EOC	Implementation of Traffic and Access Control	3d1
OCNJ Barnegat EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ Barnegat EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ Barnegat EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ Barnegat EOC	Equipment and Supplies to Support Operations	1e1

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OCNJ Barnegat EOC	Communications Equipment	1d1
OCNJ Barnegat EOC	Mobilization	1a1
OCNJ Barnegat EOC	Direction and Control	1c1
OCNJ Barnegat EOC	Facilities	1b1
OCNJ BB EOC	Implementation of Ingestion Pathway Decisions	3e1
OCNJ BB EOC	Implementation of Traffic and Access Control	3d2
OCNJ BB EOC	Implementation of Traffic and Access Control	3d1
OCNJ BB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ BB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ BB EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ BB EOC	Equipment and Supplies to Support Operations	1e1
OCNJ BB EOC	Communications Equipment	1d1
OCNJ BB EOC	Direction and Control	1c1
OCNJ BB EOC	Mobilization	1a1
OCNJ BB EOC	Facilities	1b1
OCNJ Berkley Township EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ Berkley Township EOC	Implementation of Traffic and Access Control	3d1
OCNJ Berkley Township EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ Berkley Township EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ Berkley Township EOC	Implementation of Traffic and Access Control	3d2
OCNJ Berkley Township EOC	Equipment and Supplies to Support Operations	1e1
OCNJ Berkley Township EOC	Communications Equipment	1d1
OCNJ Berkley Township EOC	Direction and Control	1c1
OCNJ Berkley Township EOC	Mobilization	1a1

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OCNJ Berkley Township EOC	Facilities	1b1
OCNJ BL EOC	Implementation of Traffic and Access Control	3d1
OCNJ BL EOC	Implementation of Traffic and Access Control	3d2
OCNJ BL EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ BL EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ BL EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ BL EOC	Equipment and Supplies to Support Operations	1e1
OCNJ BL EOC	Communications Equipment	1d1
OCNJ BL EOC	Direction and Control	1c1
OCNJ BL EOC	Mobilization	1a1
OCNJ BL EOC	Facilities	1b1
OCNJ BRA LBT	Activation of the Prompt Alert and Notification System	5a3
OCNJ BRA LBT	Implementation of Emergency Worker Exposure Control	3a1
OCNJ CC LRMS	Temporary Care of Evacuees	6c1
OCNJ CC LRMS	Equipment and Supplies to Support Operations	1e1
OCNJ CC LRMS	Communications Equipment	1d1
OCNJ CC LRMS	Facilities	1b1
OCNJ EAS Station WRAT	Emergency Information and Instructions for the Public and the Media	5b1
OCNJ EAS Station WRAT	Activation of the Prompt Alert and Notification System	5a1
OCNJ EWDC TBVFAS	Equipment and Supplies to Support Operations	1e1
OCNJ EWDC TBVFAS	Communications Equipment	1d1
OCNJ EWDC TBVFAS	Monitoring and Decontamination of Emergency Workers and their Equipment and Vehicles	6b1
OCNJ EWDC TBVFAS	Implementation of Emergency Worker Exposure Control	3a1
OCNJ EWDC UA	Mobilization	1a1
OCNJ EWDC UA	Monitoring and Decontamination of Emergency Workers and their Equipment and Vehicles	6b1
OCNJ EWDC UA	Implementation of Emergency Worker Exposure Control	3a1
OCNJ EWDC UA	Equipment and Supplies to Support Operations	1e1

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OCNJ GPBC NJT	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ GPBC NJT	Implementation of Emergency Worker Exposure Control	3a1
OCNJ GPBC NJT	Equipment and Supplies to Support Operations	1e1
OCNJ GPRC BTHS	Equipment and Supplies to Support Operations	1e1
OCNJ GPRC BTHS	Implementation of Emergency Worker Exposure Control	3a1
OCNJ GPRC BTHS	Implementation of KI Decision for Institutionalized Individuals	3b1
OCNJ GPRC BTHS	Monitoring, Decontamination, and Registration of Evacuees	6a1
OCNJ GPRC PRHS	Monitoring, Decontamination, and Registration of Evacuees	6a1
OCNJ GPRC PRHS	Communications Equipment	1d1
OCNJ GPRC PRHS	Implementation of KI Decision for Institutionalized Individuals	3b1
OCNJ GPRC PRHS	Implementation of Emergency Worker Exposure Control	3a1
OCNJ GPRC PRHS	Equipment and Supplies to Support Operations	1e1
OCNJ GPRC PRHS	Facilities	1b1
OCNJ HC EOC	Implementation of Traffic and Access Control	3d2
OCNJ HC EOC	Implementation of Traffic and Access Control	3d1
OCNJ HC EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ HC EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ HC EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ HC EOC	Equipment and Supplies to Support Operations	1e1
OCNJ HC EOC	Communications Equipment	1d1
OCNJ HC EOC	Direction and Control	1c1
OCNJ HC EOC	Mobilization	1a1
OCNJ HC EOC	Facilities	1b1
OCNJ HI SBP	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ IH EOC	Implementation of Traffic and Access Control	3d2
OCNJ IH EOC	Implementation of Traffic and Access Control	3d1
OCNJ IH EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2

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OCNJ IH EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ IH EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ IH EOC	Equipment and Supplies to Support Operations	1e1
OCNJ IH EOC	Communications Equipment	1d1
OCNJ IH EOC	Direction and Control	1c1
OCNJ IH EOC	Mobilization	1a1
OCNJ IH EOC	Facilities	1b1
OCNJ LB EOC	Facilities	1b1
OCNJ LB EOC	Implementation of Traffic and Access Control	3d2
OCNJ LB EOC	Implementation of Traffic and Access Control	3d1
OCNJ LB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ LB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ LB EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ LB EOC	Equipment and Supplies to Support Operations	1e1
OCNJ LB EOC	Communications Equipment	1d1
OCNJ LB EOC	Mobilization	1a1
OCNJ LB EOC	Direction and Control	1c1
OCNJ LT EOC	Implementation of Traffic and Access Control	3d2
OCNJ LT EOC	Implementation of Traffic and Access Control	3d1
OCNJ LT EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ LT EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ LT EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ LT EOC	Equipment and Supplies to Support Operations	1e1
OCNJ LT EOC	Communications Equipment	1d1
OCNJ LT EOC	Direction and Control	1c1
OCNJ LT EOC	Mobilization	1a1
OCNJ LT EOC	Facilities	1b1

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OCNJ MI TR EMS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ MSH TRCMC	Transportation and Treatment of Contaminated Injured Individuals	6d1
OCNJ MSH TRCMC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ MSH TRCMC	Equipment and Supplies to Support Operations	1e1
OCNJ MSH TRCMC	Communications Equipment	1d1
OCNJ OCEOC	Emergency Worker Exposure Control	2a1
OCNJ OCEOC	Activation of the Prompt Alert and Notification System	5a1
OCNJ OCEOC	Implementation of Traffic and Access Control	3d2
OCNJ OCEOC	Implementation of Traffic and Access Control	3d1
OCNJ OCEOC	Mobilization	1a1
OCNJ OCEOC	Equipment and Supplies to Support Operations	1e1
OCNJ OCEOC	Implementation of KI Decision for Institutionalized Individuals	3b1
OCNJ OCEOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ OCEOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ OCEOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ OCEOC	Communications Equipment	1d1
OCNJ OCEOC	Facilities	1b1
OCNJ OG EOC	Implementation of Traffic and Access Control	3d1
OCNJ OG EOC	Implementation of Traffic and Access Control	3d2
OCNJ OG EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ OG EOC	Equipment and Supplies to Support Operations	1e1
OCNJ OG EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ OG EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ OG EOC	Direction and Control	1c1
OCNJ OG EOC	Mobilization	1a1
OCNJ OG EOC	Communications Equipment	1d1
OCNJ OG EOC	Facilities	1b1

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OCNJ OT EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ OT EOC	Implementation of Traffic and Access Control	3d2
OCNJ OT EOC	Implementation of Traffic and Access Control	3d1
OCNJ OT EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ OT EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ OT EOC	Equipment and Supplies to Support Operations	1e1
OCNJ OT EOC	Communications Equipment	1d1
OCNJ OT EOC	Direction and Control	1c1
OCNJ OT EOC	Mobilization	1a1
OCNJ OT EOC	Facilities	1b1
OCNJ PB EOC	Implementation of Traffic and Access Control	3d1
OCNJ PB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ PB EOC	Equipment and Supplies to Support Operations	1e1
OCNJ PB EOC	Implementation of Traffic and Access Control	3d2
OCNJ PB EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ PB EOC	Direction and Control	1c1
OCNJ PB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ PB EOC	Communications Equipment	1d1
OCNJ PB EOC	Mobilization	1a1
OCNJ PB EOC	Facilities	1b1
OCNJ SBCI Barnegat Township	Equipment and Supplies to Support Operations	1e1
OCNJ SBCI Barnegat Township	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SBCI Barnegat Township	Implementation of Emergency Worker Exposure Control	3a1
OCNJ SB EOC	Implementation of Traffic and Access Control	3d2
OCNJ SB EOC	Implementation of Traffic and Access Control	3d1

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OCNJ SB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SB EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ SB EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ SB EOC	Equipment and Supplies to Support Operations	1e1
OCNJ SB EOC	Communications Equipment	1d1
OCNJ SB EOC	Direction and Control	1c1
OCNJ SB EOC	Mobilization	1a1
OCNJ SB EOC	Facilities	1b1
OCNJ SC EOC	Implementation of Traffic and Access Control	3d2
OCNJ SC EOC	Implementation of Traffic and Access Control	3d1
OCNJ SC EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SC EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ SC EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ SC EOC	Equipment and Supplies to Support Operations	1e1
OCNJ SC EOC	Communications Equipment	1d1
OCNJ SC EOC	Direction and Control	1c1
OCNJ SC EOC	Mobilization	1a1
OCNJ SC EOC	Facilities	1b1
OCNJ SI ASRS	Equipment and Supplies to Support Operations	1e1
OCNJ SI ASRS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI BTHS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI BTHS	Equipment and Supplies to Support Operations	1e1
OCNJ SI CSCES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI CSCES	Equipment and Supplies to Support Operations	1e1
OCNJ SI FAPES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2

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OCNJ SI FAPES	Equipment and Supplies to Support Operations	1e1
OCNJ SI JTDES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI JTDES	Equipment and Supplies to Support Operations	1e1
OCNJ SI LCA	Equipment and Supplies to Support Operations	1e1
OCNJ SI LCA	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI LMDES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI LMDES	Equipment and Supplies to Support Operations	1e1
OCNJ SI MAES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI MAES	Equipment and Supplies to Support Operations	1e1
OCNJ SI OAES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI OAES	Equipment and Supplies to Support Operations	1e1
OCNJ SI OCMATES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI OCMATES	Equipment and Supplies to Support Operations	1e1
OCNJ SI OCVT	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI OCVT	Equipment and Supplies to Support Operations	1e1
OCNJ SI PLCS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI PLCS	Equipment and Supplies to Support Operations	1e1
OCNJ SI RLHES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI RLHES	Equipment and Supplies to Support Operations	1e1
OCNJ SI ROBMS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI ROBMS	Equipment and Supplies to Support Operations	1e1
OCNJ SI SESO	Equipment and Supplies to Support Operations	1e1
OCNJ SI SESO	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2

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OCNJ SI SIS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI SIS	Equipment and Supplies to Support Operations	1e1
OCNJ SI SRHS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI SRHS	Equipment and Supplies to Support Operations	1e1
OCNJ SI SRMS	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI SRMS	Equipment and Supplies to Support Operations	1e1
OCNJ SI WES	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SI WES	Equipment and Supplies to Support Operations	1e1
OCNJ SP EOC	Implementation of Traffic and Access Control	3d2
OCNJ SP EOC	Implementation of Traffic and Access Control	3d1
OCNJ SP EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ SP EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ SP EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ SP EOC	Equipment and Supplies to Support Operations	1e1
OCNJ SP EOC	Communications Equipment	1d1
OCNJ SP EOC	Direction and Control	1c1
OCNJ SP EOC	Mobilization	1a1
OCNJ SP EOC	Facilities	1b1
OCNJ ST EOC	Implementation of Traffic and Access Control	3d2
OCNJ ST EOC	Implementation of Traffic and Access Control	3d1
OCNJ ST EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ ST EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ ST EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ ST EOC	Equipment and Supplies to Support Operations	1e1
OCNJ ST EOC	Communications Equipment	1d1

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OCNJ ST EOC	Direction and Control	1c1
OCNJ ST EOC	Mobilization	1a1
OCNJ ST EOC	Facilities	1b1
OCNJ STR EOC	Implementation of Traffic and Access Control	3d2
OCNJ STR EOC	Implementation of Traffic and Access Control	3d1
OCNJ STR EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ STR EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ STR EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ STR EOC	Equipment and Supplies to Support Operations	1e1
OCNJ STR EOC	Communications Equipment	1d1
OCNJ STR EOC	Direction and Control	1c1
OCNJ STR EOC	Mobilization	1a1
OCNJ STR EOC	Facilities	1b1
OCNJ TCP	Implementation of Traffic and Access Control	3d1
OCNJ TCP	Implementation of Emergency Worker Exposure Control	3a1
OCNJ TCP	Equipment and Supplies to Support Operations	1e1
OCNJ TCP	Communications Equipment	1d1
OCNJ TR EOC	Implementation of Traffic and Access Control	3d2
OCNJ TR EOC	Implementation of Traffic and Access Control	3d1
OCNJ TR EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c2
OCNJ TR EOC	Implementation of Protective Actions for persons with disabilities and access/functional needs	3c1
OCNJ TR EOC	Implementation of Emergency Worker Exposure Control	3a1
OCNJ TR EOC	Equipment and Supplies to Support Operations	1e1
OCNJ TR EOC	Communications Equipment	1d1
OCNJ TR EOC	Direction and Control	1c1
OCNJ TR EOC	Mobilization	1a1
OCNJ TR EOC	Facilities	1b1
OCNJ WACP	Implementation of Traffic and Access Control	3d1

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OCNJ WACP	Implementation of Emergency Worker Exposure Control	3a1
OCNJ WACP	Communications Equipment	1d1
OCNJ WACP	Equipment and Supplies to Support Operations	1e1
OCNJ WEMS	Transportation and Treatment of Contaminated Injured Individuals	6d1
OCNJ WEMS	Implementation of Emergency Worker Exposure Control	3a1
OCNJ WEMS	Equipment and Supplies to Support Operations	1e1
OCNJ WEMS	Communications Equipment	1d1
OCNJ WP	Communications Equipment	1d1
OCNJ WP	Facilities	1b1
OCNJ WP	Mobilization	1a1

3.3 Criteria Evaluation Summaries

3.3.1 State Jurisdictions

3.3.1.1 Bureau of Nuclear Engineering - Forward Command Post

3.3.1.2 New Jersey State Police Staging Area

3.3.1.3 New Jersey Unified Command Center

3.3.1.4 NJ State Police Land Access Control Point

3.3.1.5 NJ State Police Tactical Operations Center

3.3.1.6 Oyster Creek Emergency Operations Facility

3.3.1.7 Oyster Creek Joint Information Center

3.3.1.8 State Emergency Operation Center

3.3.1.9 State Radiological Field Team A

In summary, the status of DHS/FEMA criteria for the State jurisdiction is as follows:

- a. LEVEL 1 FINDINGS: NONE
- b. LEVEL 2 FINDINGS: 2
- c. PLANNING ISSUES: 1
- d. PRIOR ISSUES – RESOLVED: 7
- e. PRIOR ISSUES – UNRESOLVED: NONE

LOCATION: New Jersey Regional Operations Intelligence Center

ISSUE NO: 43-15-5.b.1-L2-01

CONDITION: EAS Message #2, sent by the New Jersey State Police Public Information Officer at 1810, informing that public that a General Emergency had been declared at the OCNGS contained the following statement: “At this time for those evacuating it is not recommended that you consume Potassium Iodide (KI)”.

This statement does not provide clear and consistent communication with the protective action decisions made to shelter-in-place and monitor and prepare.

CORRECTIVE ACTION: At the next federally graded REP Exercise.

ISSUE NO: 43-15-2.a.1-L2-02

CONDITION: As provided for in the NJ State Plan, SOP 801, Section 7.19, the Deputy State Director made a decision at approximately 1756, that notwithstanding the declaration of a General Emergency, ingestion of KI by emergency workers should not be recommended in the absence of a radioactive release. There is no evidence that this decision was made known to Ocean County Officials or the management of any other organizations which were fielding emergency workers.

CORRECTIVE ACTION: At the next federally graded REP Exercise.

LOCATION: Unified Command Center

ISSUE NO: 43-15-1.c.1-P-01

CONDITION: At 1722, the Utility declared a General Emergency (GE). At 1746, the Unified Command Center (UCC) found out about the GE. The Staging Area did not find about the GE until 1844. At 1815, Potassium Iodide (KI) was authorized and a general announcement was made over the radio. The Staging Area did not receive this announcement and did not ingest KI.

CORRECTIVE ACTION: Update plans and procedures to ensure notifications will be made to the Staging Area.

3.3.2 Risk Jurisdictions

3.3.2.1 Barnegat Township EOC

3.3.2.2 Barnegat Township School Bus Company Interview

3.3.2.3 Berkeley Township EOC

3.3.2.4 Borough of Barnegat Light EOC

3.3.2.5 Borough of Beachwood EOC

3.3.2.6 Borough of Harvey Cedars EOC

3.3.2.7 Borough of Island Heights EOC

3.3.2.8 Borough of Ocean Gate EOC

3.3.2.9 Borough of Pine Beach EOC

3.3.2.10 Borough of Seaside Park

3.3.2.11 Borough of Ship Bottom EOC

3.3.2.12 Borough of South Toms River EOC

- 3.3.2.13 Borough of Surf City EOC
- 3.3.2.14 Lacey Township EOC
- 3.3.2.15 Long Beach Township
- 3.3.2.16 Long Beach Township EOC
- 3.3.2.17 Ocean County - Emergency Worker Decon Center - Tri Boro Volunteer First Aid Squad
- 3.3.2.18 Ocean County - Emergency Worker Decon Center - Utility Authority
- 3.3.2.19 Ocean County - General Population Bus Company - New Jersey Transit
- 3.3.2.20 Ocean County - General Population Reception Center - Brick Township High School
- 3.3.2.21 Ocean County - General Population Reception Center - Pinelands Regional High School
- 3.3.2.22 Ocean County - Radiological Field Monitoring Team
- 3.3.2.23 Ocean County - School Interview - All Saints Regional School
- 3.3.2.24 Ocean County - School Interview - Lighthouse Christian Academy
- 3.3.2.25 Ocean County - School Interview - McKinley Ave Elementary School
- 3.3.2.26 Ocean County - School Interview - Ocean County MATES
- 3.3.2.27 Ocean County - School Interview - Primary Learning Center Stafford
- 3.3.2.28 Ocean County - School Interview - Stafford Elementary School Oxycocus
- 3.3.2.29 Ocean County - Warning Point
- 3.3.2.30 Ocean County - Waterway Access Control Point
- 3.3.2.31 Ocean County Emergency Operations Center
- 3.3.2.32 Ocean County New Jersey - Medical Services Hospital - Toms River Community Medical Center
- 3.3.2.33 Ocean County New Jersey - Traffic Control Point
- 3.3.2.34 Ocean County-School Interview-Barnegat Township High School
- 3.3.2.35 Ocean County-School Interview-Cecil S. Collins Elementary School
- 3.3.2.36 Ocean County-School Interview-Fredrick A. Priff Elementary School
- 3.3.2.37 Ocean County-School Interview-Joseph T Donahue Elementary School
- 3.3.2.38 Ocean County-School Interview-Lillian M. Dunfree Elementary School
- 3.3.2.39 Ocean County-School Interview-Ocean Acres Elementary School
- 3.3.2.40 Ocean County-School Interview-Ocean County Vo-Tech School
- 3.3.2.41 Ocean County-School Interview-Robert L. Horbelt Elementary School
- 3.3.2.42 Ocean County-School Interview-Russell O. Brackman Middle School
- 3.3.2.43 Ocean County-School Interview-Southern Regional High School
- 3.3.2.44 Ocean County-School Interview-Southern Regional Middle School
- 3.3.2.45 Ocean County-School Interview-Stafford Intermediate School

3.3.2.46 Ocean County-School Interview-Waretown Elementary School

3.3.2.47 Ocean Township EOC

3.3.2.48 Stafford Township EOC

3.3.2.49 Toms River EMS

3.3.2.50 Toms River Township EOC

In summary, the status of DHS/FEMA criteria for the Risk jurisdiction is as follows:

- a. LEVEL 1 FINDINGS: NONE
- b. LEVEL 2 FINDINGS: 1
- c. PLAN ISSUES: 3
- d. PRIOR ISSUES – RESOLVED: NONE
- e. PRIOR ISSUES – UNRESOLVED: NONE

LOCATION: Ocean County Emergency Operations Center

ISSUE NO: 43-15-1.c.1-L2-03

CONDITION: There is a delay between when the Ocean County EOC receives information in, and when Ocean County begins sending the information out to the municipalities. After reviewing the documentation, the delay is in the command and control room. An updated streamlined process of information verification and review would be the recommended action.

CORRECTIVE ACTION: At the next federally graded REP Exercise.

ISSUE NO: 43-15-1.c.1-P-02

CONDITION: The layout on Form B only allows for a check mark on the box to the left of the action being taken or recommended (i.e. X evacuate/shelter-in-place nursing homes, evacuate/shelter-in-place hospitals, etc.). Unfortunately that does not provide for clarification on whether the intent is to shelter the nursing home or evacuate the nursing home which has the potential to cause confusion for those receiving the form or referring to it. Editing of the form to further clarify the actions being taken or recommended would provide clarification.

CORRECTIVE ACTION: Form B will be revised and updated.

LOCATION: Ocean County Warning Point

ISSUE NO: 43-15-1.c.1-P-03

CONDITION: The Initial Contact Message Form does not include the wordings for monitor and prepare ERPAs. The addition of monitor and prepare would avoid confusion if an immediate PAD was provided or a PAD was provided before the Ocean County EOC was staffed.

CORRECTIVE ACTION: Update and make the recommended changes to the Initial Contact Message Form.

LOCATION: Long Beach Township

ISSUE NO: 43-15-1.e.1-P-04

CONDITION: There was a discrepancy between the number of TLDs noted on the lock box and the number on the inventory sheet. This was not corrected during the Exercise due to the instructions to not open the box.

Verification between the box Sticker and the actual inventory sheet before signing would remediate the issue from happening again in the future, and avoid for the potential to not have a sufficient supply of emergency worker exposure control equipment.

CORRECTIVE ACTION: Provide training and include in plans and procedures that Verifying inventory is completed.

3.3.3 Support Jurisdictions

3.3.3.1 Congregate Care Lake Riviera Middle School Bricktown

3.3.3.2 Ocean County NJ Waretown EMS

3.3.3.3 Ship Bottom Police

In summary, the status of DHS/FEMA criteria for the Support jurisdiction is as follows:

- a. LEVEL 1 FINDINGS: NONE
- b. LEVEL 2 FINDINGS: NONE
- c. PLAN ISSUES: NONE
- d. PRIOR ISSUES – RESOLVED: NONE
- e. PRIOR ISSUES – UNRESOLVED: NONE

3.3.4 Private Jurisdictions

3.3.4.1 Ocean County - EAS Radio Station WRAT

In summary, the status of DHS/FEMA criteria for the Private jurisdiction is as follows:

- a. LEVEL 1 FINDINGS: NONE
- b. LEVEL 2 FINDINGS: NONE
- c. PLAN ISSUES: 1
 - 1. PRIOR ISSUES – RESOLVED: 1
- e. PRIOR ISSUES – UNRESOLVED: NONE

LOCATION: EAS Radio Station WRAT

ISSUE NO: 43-15-1.d.1-P-5

CONDITION: The agency contact binder utilized by WRAT was outdated and had incorrect listings of contact phone numbers.

CORRECTIVE ACTION: The binder will now be updated on an annual basis.

SECTION 4: CONCLUSION

Based on the results of the Exercise, the offsite radiological emergency response plans and preparedness for the State of New Jersey and the affected local jurisdictions are deemed adequate to provide reasonable assurance that appropriate measures can be taken to protect the health and safety of the public in the event of a radiological emergency. Therefore, 44 CFR Part 350 approval of the offsite radiological emergency response plans and preparedness for the State of New Jersey, site-specific to the Oyster Creek Nuclear Generating Station, will remain in effect.

APPENDIX A: IMPROVEMENT PLAN

NOT APPLICABLE

APPENDIX B: LESSONS LEARNED

NOT APPLICABLE

APPENDIX C: BEST PRACTICES

1. Accountability and operability of the EOC

Summary: Lacey Township had an excellent means of ensuring the EOC is ready for operations.

Description: Every quarter there is a comprehensive inspection checklist used to ensure the EOC is stocked, the equipment is operational, plans are up to date and present and the technology and communication equipment is ready for use. This allows the EOC management to be assured that the EOC is ready at a moments notice to be stood up and functional.

Demonstrated Strengths

Ocean County Municipalities

Ship Bottom Borough

- The Ship Bottom Borough Emergency Management Coordinator, in addition to having notification of events/protective actions in the Communications Command Room, placed a laptop with the same system and projector with screen in the main Emergency Operations Center and assigned staff to monitor emails and display the ECLS, Precautionary Actions, Protective Actions for all the staff in the EOC. Any items needing discussion were done so by the EMC.
- The Police Department individual, doubling as the Radiological Officer, gave an excellent, all-inclusive radiological briefing to one Emergency Worker in accordance with the Extent of Play. This was evident by the evaluator's interview of the EW.

Toms River Township

- The Town of Toms River had an actual fire emergency during the exercise. The dispatcher and township responded without any interruption or delay during the exercise or in actual service. They additionally were given an assist by South Toms River who had an emergency medical situation as well.

Ocean Gate Borough

- The Radiological Safety Officer provided very thorough radiological briefings throughout the exercise.

South Toms River Borough

- The South Toms River Borough EOC staff did an outstanding job overcoming adversity during the 2015 Oyster Creek Nuclear Generating Station HAB Exercise. There were “real world” emergencies that occurred during the exercise which required attention from the EMC and his staff. The Deputy EMC’s and EOC staff remained calm and continued to complete the exercise objectives. Everyone demonstrated excellent teamwork whether it was assuming another role or providing assistance where needed. This close knit team should be commended for their ability to work together and successfully manage multiple events.

APPENDIX D: EXERCISE TIMELINE

DATE: 9/29/2015, SITE: Oyster Creek Nuclear Generating Station

Emergency Classification Level or Event	Time Utility Declared	Time That Notification Was Received or Action Was Taken											
		NJ ROIC	UCC	JIC	Ocean County EOC	Staging Area	TOC	Barnegat Light Borough	Barnegat Township	Beachwood Borough	Berkley Township	Toms River Township	Ocean Gate Borough
Unusual Event	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Area Emergency	1639	1657	1711	1643	1700		N/A	1710	1707	1708	1724	1714	1715
General Emergency	1722	1734	1746	1746	1743		1816	1811	1810	1813	1813	1817	1810
Simulated Rad. Release Started	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Simulated Rad. Release	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		1710	1702	1754	1702		1745	1718	1704	1640	1726	1702	1715
Governor Declared State of Emergency		1715	1826	1715	1741		N/A	1819	1817	1820	1820	1825	1818
Exercise Terminated		2023	2021	2023	2023		2021	2024	2028	2026	2032	1930	2020
Protective Action Decision 1- Shelter ERPA 1-8,10, Shelter Schools, Close Parks and REC. Close River & Waterways. EW take KI at GE		-	-	-			-	1745 P,W,S 1832 Air	1745	1745 Parks 1830 Air	1747 P,H, NH	1752 1835	1752 1834
Siren Activation		1657	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
EAS Message		1657	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A

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PAD 2: Shelter ERPAs 1-8,10. Prepare remaining ERPAs. KI for General Public, Hearing Impaired, Airspace Restr.	1657	1730	1700	1715		1712	1728	1726	1727	1726	1728	1728
1 st Siren Activation	1705	1730	1705	1705		N/A	1728	1726	1727	1726	1728	1730
1 st EAS Message	1708	1730	1708	1710		N/A	1728	1726	1727	1726	1730	1730
2 nd PAD	1804	1813	1804	1814		N/A	1830	1832	1813	1840	1845	1842
2 nd Siren Activation	1812	1813	1812	1812		N/A	1830	1832	1813	1840	1845	1842
2 nd EAS Message	1817	1813	1815	1817		N/A	1830	1832	1813	1840	1845	1842
KI Administration Decision:	1804	1813	1813	1749		N/A	N/A	1810	1813	1813	1817	1820
Emergency Workers	N/A	1813	1813	1749		N/A	1811	1810	1813	1813	1817	1820
General Public in Evacuated Areas	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Emergency Classification Level or Event	Time Utility Declared	Time That Notification Was Received or Action Was Taken										
		Harvey Cedars	Island Heights Boro	Lacey Township	Long Beach Township	Ocean Township	Pine Beach Borough	Ship Bottom Borough	Seaside Park Borough	South Toms River Borough	Stafford Township	Surf City Borough
Unusual Event		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Area Emergency		1708	1710	1710	1708	1704	1709	1706	1709	1705	1707	1712
General Emergency		1805	1811	1735	1810	1740	1740	1835	1711	1813	1810	1814
Simulated Rad. Release Started		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Simulated Rad. Release Terminated		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		1720	1715	1707	1711	1703	1730	1710	1709	1705	1710	1716
Governor Declared State of Emergency		1829	1829	1817	1818	1818	1818	1715	1715	1752	1805	1824
Exercise Terminated		2028	2030	2022	2028	2022	2026	2029	2029	2026	2026	2026
Protective Action Decision- Shelter ERPA 1-8,10, Shelter Schools, Close Parks and REC. Close River & Waterways. EW take KI at GE		1745 P,H,N H	1745	N/A	1726	1715	1745	1657	1700	1739	1746	N/A
Siren Activation		N/A	N/A	N/A	1705	1705	1726	1657	N/A	N/A	1701	N/A
EAS Message		N/A	N/A	N/A	1710	1710		1659	N/A	N/A	1701	
1st PAD: Shelter ERPAs 1-8,10. Prepare remaining ERPAs. KI for General Public, Hearing Impaired, Airspace Restr.		1726	1802	1735	1735	N/A	N/A	1706	1727	1804	1701	1706
1 st Siren Activation		1726	1802	1735	N/A	1705	N/A	1712	1705	1812	1705	1705
1 st EAS Message		1726	1802	1735	N/A	1710	1726	1715	1710	1812	1710	1710
2 nd PAD		1842		1838	1838		1726	1835	1804	N/A	1827	N/A
2 nd Siren Activation		1842	1855	1838	1812	1812	1838	1812	1812	N/A	1827	1812
2 nd EAS Message		1842	N/A	1838	1817	1817	1838	1820	1817	N/A	1827	1817
KI Administration Decision:		1820	1811	N/A	1810	N/A	1818	N/A	1740	1813	1810	1814
Emergency Workers		1820	1811	1815	1816	1740	1818	1719	1813	1812	1810	1814

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General Public In Evacuated Areas	1820	N/A	1838	N/A	N/A	1838	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

APPENDIX E: EXERCISE EVALUATORS AND TEAM LEADERS

DATE: 9/29/2015, SITE: Oyster Creek Nuclear Generating Station

LOCATION	TEAM LEADER	AGENCY
Barnegat Township EOC	John Price	FEMA Region 3
Barnegat Township School Bus Company Interview	Laura Forrest	FEMA Region 2
Berkeley Township EOC	Lee Torres	FEMA Region 3
Borough of Barnegat Light EOC	Bridget Ahlgrim	FEMA HQ
Borough of Beachwood EOC	Joe Suders	FEMA Region 3
Borough of Harvey Cedars EOC	Tina Thomas	FEMA Region 3
Borough of Island Heights EOC	Miriam Weston	FEMA Region 2
Borough of Ocean Gate EOC	Linda Gee	FEMA Region 2
Borough of Pine Beach EOC	Lashawn Halsey	FEMA HQ
Borough of Seaside Park	Barbara Thomas	FEMA Region 1
Borough of Ship Bottom EOC	Martin Vyenielo	FEMA Region 3
Borough of South Toms River EOC	Taneeka Hollins	FEMA Region 1
Borough of Surf City EOC	Paul Anderson	FEMA Region 9
Bureau of Nuclear Engineering - Forward Command Post	Korkean Dulgerian	FEMA Region 2
Congregate Care Lake Riveira Middle School Bricktown	Laura Forrest	FEMA Region 2
Lacey Township EOC	Bill Webb	FEMA Region 10
Long Beach Township	Laura Forrest	FEMA Region 2
Long Beach Township EOC	Tim Pflieger	FEMA Region 6
New Jersey State Police Staging Area	Korky Dulgerian	FEMA Region 2
New Jersey Unified Command Center	B. Hasemann/K. Malone	FEMA Region 2
NJ State Police Land Access Control Point	Laura Forrest	FEMA Region 2
NJ State Police Tactical Operations Center	Kevin Reed	FEMA Region 2
Ocean County - Emergency Worker Decon Center - Tri Boro Volunteer First Aid Squa	Brian Hasemann	FEMA Region 2
Ocean County - Emergency Worker Decon Center - Utility Authority	Laura Forrest	FEMA Region 2
Ocean County - General Population Bus Company - New Jersey Transit	Laura Forrest	FEMA Region 2
Ocean County - General Population Reception Center - Brick Township High School	Laura Forrest	FEMA Region 2
Ocean County - General Population Reception Center - Pinelands Regional High Sch	Laura Forrest	FEMA Region 2
Ocean County - School Interview - All Saints Regional School	Laura Forrest	FEMA Region 2

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Ocean County - School Interview - Lighthouse Christian Academy	Laura Forrest	FEMA Region 2
Ocean County - School Interview - McKinley Ave Elementary School	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Ocean County MATES	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Primary Learning Center Stafford	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Stafford Elementary School Oxycocus	Laura Forrest	FEMA Region 2
Ocean County - Warning Point	Laura Forrest	FEMA Region 2
Ocean County - Waterway Access Control Point	Laura Forrest	FEMA Region 2
Ocean County Emergency Operations Center	Laura Forrest	FEMA Region 2
Ocean County New Jersey - Medical Services Hospital - Tom's River Community Medical	Laura Forrest	FEMA Region 2
Ocean County New Jersey - Traffic Control Point	Laura Forrest	FEMA Region 2
Ocean County NJ Waretown EMS	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Barnegat Township High School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Cecil S. Collins Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Fredrick A. Priff Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Joseph T Donahue Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Lillian M. Dunfree Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Ocean Acres Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Ocean County Vo-Tech School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Robert L. Horbelt Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Russell O. Brackman Middle School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Southern Regional High School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Southern Regional Middle School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Stafford Intermediate School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Waretown Elementary School	Laura Forrest	FEMA Region 2
Ocean Township EOC	Brad DeKorte	FEMA Region 6
Oyster Creek Emergency Operations Facility	Korkean Dulgerian	FEMA Region 2

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Ship Bottom Police	Laura Forrest	FEMA Region 2
Stafford Township EOC	Helen La Forge	FEMA Region 1
State Emergency Operation Center	Chris Cammarata	FEMA Region 2
State Radiological Field Team A	Korkean Dulgerian	FEMA Region 2
Toms River EMS	Laura Forrest	FEMA Region 2
Toms River Township EOC	Martin Vyeniolo	FEMA Region 3

LOCATION	EVALUATOR	AGENCY
Barnegat Township EOC	Laura Forrest	FEMA Region 2
Barnegat Township EOC	John Price	FEMA Region 3
Barnegat Township School Bus Company Interview	Laura Forrest	FEMA Region 2
Berkeley Township EOC	Lee Torres	FEMA Region 3
Berkeley Township EOC	Lee Torres	FEMA Region 3
Borough of Barnegat Light EOC	Bridget Ahlgrim	FEMA HQ
Borough of Barnegat Light EOC	Laura Forrest	FEMA Region 2
Borough of Beachwood EOC	Laura Forrest	FEMA Region 2
Borough of Beachwood EOC	Joseph Suders	FEMA Region 3
Borough of Harvey Cedars EOC	Laura Forrest	FEMA Region 2
Borough of Harvey Cedars EOC	Tina Lai-Thomas	FEMA Region 3
Borough of Island Heights EOC	Laura Forrest	FEMA Region 2
Borough of Island Heights EOC	Miriam Weston	FEMA Region 2
Borough of Ocean Gate EOC	Laura Forrest	FEMA Region 2
Borough of Ocean Gate EOC	Linda Gee	FEMA Region 6
Borough of Pine Beach EOC	LaShawn Halsey	FEMA HQ
Borough of Pine Beach EOC	Laura Forrest	FEMA Region 2
Borough of Seaside Park	Barbara Thomas	FEMA Region 1
Borough of Seaside Park	Laura Forrest	FEMA Region 2
Borough of Ship Bottom EOC	Laura Forrest	FEMA Region 2
Borough of Ship Bottom EOC	Martin Vyeniolo	FEMA Region 3
Borough of South Toms River EOC	Taneeka Hollins	FEMA Region 1
Borough of South Toms River EOC	Laura Forrest	FEMA Region 2
Borough of Surf City EOC	Paul Anderson	FEMA Region 9
Borough of Surf City EOC	Laura Forrest	FEMA Region 2
Congregate Care Lake Riveira Middle School Bricktown	Laura Forrest	FEMA Region 2
Lacey Township EOC	Laura Forrest	FEMA Region 2
Lacey Township EOC	Bill Webb	FEMA Region
Long Beach Township	Laura Forrest	FEMA Region 2
Long Beach Township EOC	Timothy Pflieger	DHS - FEMA
Long Beach Township EOC	Laura Forrest	FEMA Region 2
New Jersey State Police Staging Area	Korkean Dulgerian	FEMA Region 2
New Jersey Unified Command Center	Brian Hasemann	FEMA Region 2
New Jersey Unified Command Center	Kevin Malone	FEMA Region 2

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NJ State Police Land Access Control Point	Laura Forrest	FEMA Region 2
NJ State Police Tactical Operations Center	Kevin Reed	FEMA Region 2
Ocean County - EAS Radio Station WRAT	Russell Fox	FEMA Region 2
Ocean County - Emergency Worker Decon Center - Tri Boro Volunteer First Aid Squad	Laura Forrest	FEMA Region 2
Ocean County - Emergency Worker Decon Center - Utility Authority	Laura Forrest	FEMA Region 2
Ocean County - General Population Bus Company - New Jersey Transit	Laura Forrest	FEMA Region 2
Ocean County - General Population Reception Center - Brick Township High School	Laura Forrest	FEMA Region 2
Ocean County - General Population Reception Center - Pinelands Regional High School	Laura Forrest	FEMA Region 2
Ocean County - School Interview - All Saints Regional School	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Lighthouse Christian Academy	Laura Forrest	FEMA Region 2
Ocean County - School Interview - McKinley Ave Elementary School	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Ocean County MATES	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Primary Learning Center Stafford	Laura Forrest	FEMA Region 2
Ocean County - School Interview - Stafford Elementary School Oxycocus	Laura Forrest	FEMA Region 2
Ocean County - Warning Point	Laurel Ryan	FEMA Region 9
Ocean County - Waterway Access Control Point	Laura Forrest	FEMA Region 2
Ocean County Emergency Operations Center	Laura Forrest	FEMA Region 2
Ocean County Emergency Operations Center	Mabel Santiago	FEMA Region 2
Ocean County Emergency Operations Center	Sara Gelves	FEMA Region 2
Ocean County Emergency Operations Center	Kathy Duran	FEMA Region 3
Ocean County New Jersey - Medical Services Hospital - Tom's River Community Medical	Laura Forrest	FEMA Region 2
Ocean County New Jersey - Traffic Control Point	Laura Forrest	FEMA Region 2
Ocean County NJ Waretown EMS	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Barnegat Township High School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Cecil S. Collins Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Fredrick A. Priff Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Joseph T Donahue Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Lillian M. Dunfree Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Ocean Acres Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Ocean County Vo-Tech School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Robert L. Horbelt Elementary School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Russell O. Brackman Middle School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Southern Regional High School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Southern Regional Middle School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Stafford Intermediate School	Laura Forrest	FEMA Region 2
Ocean County-School Interview-Waretown Elementary School	Laura Forrest	FEMA Region 2
Ocean Township EOC	Laura Forrest	FEMA Region 2
Ocean Township EOC	Brad DeKorte	FEMA Region 6
Oyster Creek Emergency Operations Facility	Joseph Keller	ICFI
Oyster Creek Joint Information Center	John Rice	FEMA Region 1

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Oyster Creek Joint Information Center	George Hogan iii	FEMA Region 2
Ship Bottom Police	Laura Forrest	FEMA Region 2
Stafford Township EOC	Helen LaForge	FEMA Region 1
Stafford Township EOC	Laura Forrest	FEMA Region 2
State Emergency Operation Center	Brian Kennedy	FEMA Region 1
State Emergency Operation Center	Chris Cammarata	FEMA Region 2
State Emergency Operation Center	Michael DeBonis	USEPA
State Emergency Operation Center	Ryan Jones	FEMA Region 1
Toms River EMS	Laura Forrest	FEMA Region 2
Toms River Township EOC	Laura Forrest	FEMA Region 2
Toms River Township EOC	Michael Shuler	FEMA Region 3

APPENDIX F: ACRONYMS AND ABBREVIATIONS

The following is a list of the acronyms and abbreviations, which were used in this report.

AOG	Augmented Off-Gas
ARCA	Area Requiring Corrective Action
ARM	Area Radiation Monitors
ATWS	Anticipated Transient Without Scram
A&N	Alert and Notification
CFM	Cubic Feet per Minute
CFR	Code of Federal Regulations
CHRRMS	Containment High Range Radiation Monitoring System
DHS	U.S. Department of Homeland Security
DOT	U.S. Department of Transportation
DRD	Direct-Reading Dosimeter
EAS	Emergency Alert System
EBS	Emergency Broadcast System
ECL	Emergency Classification Level
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EMC	Emergency Management Coordinator
EMITS	Emergency Management Information Tracking System
EMRV	Electro-Motive Relief Valve
ENC	Emergency News Center

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EPA	U.S. Environmental Protection Agency
EPR	Electronic Pressure Regulator
EPZ	Emergency Planning Zone
ERF	Emergency Response Facility
ERO	Emergency Response Organization
ERPA	Emergency Response Planning Area
FCP	Forward Command Post
FEMA	Federal Emergency Management Agency
FMT	Field Monitoring Team
GE	General Emergency
HAB	Hostile Action Based
ICF	ICF International, Inc.
JIC	Joint Information Center
KI	Potassium Iodide
LED	Light Emitting Diode
LLE	Local Law Enforcement
mR	milliRoentgen(s)
MS	Medical Services
MSIV	Mainstream Isolation Valves
NAWC	Lakehurst Naval Air Warfare Center
NJ	New Jersey

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NJBNE	New Jersey Bureau of Nuclear Engineering
NJDEP	New Jersey Department of Environmental Protection
NJDHSS	New Jersey Department of Health and Senior Services
NJOEM	New Jersey Office of Emergency Management
NRC	Nuclear Regulatory Commission
NUREG-0654	NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980
OCEOC	Ocean County Emergency Operations Center
OCMEOCs	Ocean County Municipality Emergency Operations Centers
OCNGS	Oyster Creek Nuclear Generating Station
OCOEM	Ocean County Office of Emergency Management
OEM	Office of Emergency Management
ORO	Offsite Response Organization
PAD	Protective Action Decision
PAG	Protective Action Guide
PAR	Protective Action Recommendation
PIO	Public Information Officer
R	Roentgen
RAC	Regional Assistance Committee
REP	Radiological Emergency Preparedness
RERP	Radiological Emergency Response Plan
R/hr	Roentgen(s) per hour
RO	Radiological Officer
SAE	Site Area Emergency
SBOEM	Ship Bottom Office of Emergency Management

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SEOC	State Emergency Operations Center
SFA	State Field Activities
SGTS	Standby Gas Treatment System
SM	Shift Manger
SNB	Special News Broadcast
SOP	Standard Operating Procedure
TL	Team Leader
TLD	Thermoluminescent Dosimeter
WRAT	Ocean County EAS Radio Station

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