



Seabrook Station

After Action Report/Improvement Plan

Radiological Emergency Preparedness (REP) Program

Exercise Date: April 3, 2024

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FEMA

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Executive Summary

The April 3, 2024 Seabrook Station Plume Exercise involved stakeholders from the State of New Hampshire, the Commonwealth of Massachusetts, local communities, and private and volunteer organizations. The exercise provided stakeholders a critical opportunity to demonstrate the core capabilities required to protect the public during a radiological emergency involving a nuclear power plant (NPP).

The Seabrook Station Exercise After-Action Report (AAR) is a compilation of the feedback from FEMA evaluators. It helps stakeholders recognize and share their best practices and supports continuous radiological emergency preparedness (REP) program improvement by identifying areas for growth.

The following strength was noted during the Seabrook Station Exercise:

- All locations demonstrated excellent teamwork, collaboration, and situational awareness throughout the exercise, and demonstrated their commitment to protecting their communities.

There was one Plan Issue identified, and one Level 2 Finding that was successfully re-demonstrated and closed during the exercise.

This AAR provides additional background, summary details, and information based on evaluation strengths and opportunities for improvement. FEMA appreciates the time, efforts, and planning completed by the State of New Hampshire, the Commonwealth of Massachusetts, and NextEra Energy Seabrook Station to make this exercise a success.

Section 1: Exercise Overview

Exercise Name	Seabrook Station Biennial Exercise
Exercise Dates	April 3, 2024
Scope	The purpose of the exercise was to assess the level of preparedness of offsite response organizations from the State of New Hampshire and the Commonwealth of Massachusetts to respond to a simulated radiological emergency.
Mission Area(s)	Prevention, Protection, and Response.
Objectives & Core Capabilities	Emergency Operations Management, Exposure Control, Alert and Notification, Detect, Measure, Sample, Analyze, and Assess, and Operate.
Threat or Hazard	Technological/Radiological Release
Scenario	Radiological Emergency
Exercise Planning Team	State of New Hampshire, the Commonwealth of Massachusetts, NextEra Energy Seabrook Station, and the Federal Emergency Management Agency.
Program	Department of Homeland Security/FEMA Radiological Emergency Preparedness (REP) Program

1.1 Exercise Planning Team Leadership

State of New Hampshire

Department of Homeland Security and of Emergency Management

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David Currier
Regulatory Affairs Project Manager

Department of Homeland Security

Federal Emergency Management Agency, Region I

Ingrid Pierce
Regional Assistance Committee Chairperson

Taneeka Hollins
Senior Technological Hazards Program Specialist

Barbara Thomas
Technological Hazards Program Specialist

1.2 Participating Organizations

Agencies and organizations of the following jurisdictions participated in the Seabrook Station exercise:

1.0 State of New Hampshire

1.1 Brentwood Emergency Operations Center

- Brentwood Emergency Management
- Brentwood Fire Department
- Brentwood Police Department
- Brentwood Road Agent
- Brentwood Town Clerk
- Brentwood Selectboard
- Amateur Radio Emergency Services

1.2 East Kingston Emergency Operations Center

- East Kingston Emergency Management
- East Kingston Fire Department
- East Kingston Police Department Amateur Radio Emergency Services
- East Kingston Board of Selectman

1.3 Exeter Emergency Operations Center

- Town of Exeter Emergency Management
- Town of Exeter Dispatcher Center
- Town of Exeter Department of Public Works
- Town of Exeter Emergency Medical Services
- Town of Exeter Fire Department
- Town of Exeter Health Department
- Town of Exeter Hospital
- Town of Exeter Information Technology
- Town of Exeter Police Department
- Town of Exeter Public Works
- Town of Exeter Public Affairs
- Town of Exeter Schools: SAU 16 and Philips Exeter Academy
- Town of Exeter: Town Manager
- Town of Exeter Volunteers: NH Amateur Radio Emergency Services

1.4 Field Monitoring Team #1 NH

- New Hampshire State Police Bomb Squad
- New Hampshire National Guard 12th Civil Support Team

1.5 Field Monitoring Team #2 NH

- New Hampshire State Police Bomb Squad
- 12th Civil Support Team

1.6 Greenland Emergency Operations Center

- Town of Greenland Town Administrator
- Town of Greenland Emergency Management
- Town of Greenland Police Department
- Town of Greenland Fire Department
- Amateur Radio Emergency Service

1.7 Hampton Emergency Operations Center

- Hampton Fire and Rescue
- Hampton Police Department
- Hampton Building Department
- Hampton Town Manager
- Hampton Public Works Department

1.8 Hampton Falls Emergency Operations Center

- Hampton Falls Fire Department
- Hampton Falls Police Department
- Hampton Falls Town Clerk
- Hampton Falls Health Officer
- Hampton Falls Highway/Road Agent
- Hampton Falls Town Administrator
- Radio Amateur Civil Emergency Service, New Hampshire Section

1.9 Kensington Emergency Operations Center

- Kensington Fire & Rescue
- Amateur Radio Emergency Services
- Kensington Public Library
- Kensington Land Use Development
- Kensington Municipality (Road Agent)
- Kensington Selectmen
- Kensington Police Department
- Local Volunteer

1.10 Kingston Emergency Operations Center

- Town of Kingston Police Department
- Town of Kingston Board of Selectmen
- Sanborn Regional School District
- Town of Kingston Town Hall
- Radio Amateur Civil Emergency Service
- Town of Kingston Fire Department
- Town of Kingston Public Works

1.11 New Castle Emergency Operations Center

- Amateur Radio Emergency Service
- Town of New Castle Board of Selectmen
- Town of New Castle Building Inspector
- Town of New Castle Emergency Management
- Town of New Castle Fire Department
- Town of New Castle Police Department

1.12 Newfields Emergency Operations Center

- Town of Newfields Emergency Management Office
- Town of Newfields Fire Department
- Town of Newfields Police Department
- Town of Newfields Public Works Department
- Rockingham County Amateur Radio Emergency Services

1.13 New Hampshire Emergency Operations Facility

- New Hampshire Homeland Security and Emergency Management
- New Hampshire Division of Public Health Services
- New Hampshire State Police Bomb Squad

1.14 New Hampshire Incident Field Office Portsmouth

- The New Hampshire Homeland Security and Emergency Management Incident Field Office (HSEM/IFO)

1.15 New Hampshire Joint Information Center

- New Hampshire Homeland Security and Emergency Management
- Department of Public Safety
- NextEra Energy
- New Hampshire Department of Safety

1.16 New Hampshire State Emergency Operations Center

- New Hampshire Department of Administrative Services
- New Hampshire Department of Agriculture
- New Hampshire Department of Education
- New Hampshire Department of Emergency Services and Communications
- New Hampshire Department of Environmental Services
- New Hampshire Department of Fish and Game
- New Hampshire Department of Health and Human Services
- New Hampshire Department of Information Technology
- New Hampshire Department of Public Health Services
- New Hampshire Department of Safety
- New Hampshire Department of Transportation
- New Hampshire Division of Fire Standards and Training and Emergency Medical Services

- New Hampshire Office of the Governor
- New Hampshire Homeland Security and Emergency Management
- New Hampshire National Guard Civil Support Team
- New Hampshire Red Cross
- New Hampshire State Police
- NextEra Energy, Seabrook Station
- Federal Emergency Management Agency Integration Team (FIT)

1.17 New Hampshire State Warning Point

- New Hampshire State Police

1.18 Newton Emergency Operations Center

- Amateur Radio Emergency Services
- Sanborn School District
- Seacoast Learning Collaborative
- Town of Newton Board of Selectmen
- Town of Newton Emergency Management
- Town of Newton Fire Department
- Town of Newton Police Department

1.19 North Hampton Emergency Operations Center

- North Hampton Police Department
- North Hampton Fire Department
- North Hampton Public Works
- North Hampton Amateur Radio Emergency Service

1.20 Portsmouth Emergency Operations Center

- City of Portsmouth City Manager
- City of Portsmouth Deputy City Manager
- City of Portsmouth Fire Department Chief/Emergency Management Director (EMD)
- City of Portsmouth Fire Department Deputy Chief
- City of Portsmouth Police Department
- City of Portsmouth Department of Public Works (DPW)
- City of Portsmouth Human Resources Director
- City of Portsmouth Deputy City Attorney
- City of Portsmouth Administrative EOC Clerk
- City of Portsmouth Communications Manager
- City of Portsmouth Finance
- City of Portsmouth Chief Information Technology (IT)
- City of Portsmouth School District Superintendent
- City of Portsmouth Public Information Officer (PIO)
- City of Portsmouth Director of Health
- Amateur Radio Emergency Services

1.21 Rockingham Dispatch

- Rockingham County Sherriff's Office

1.22 Rye Emergency Operations Center

- Rye Police Department
- Rye Fire Department
- Rye Department of Public Works
- Rye Town Administration

1.23 Seabrook Emergency Operations Center

- Town of Seabrook Fire Department
- Town of Seabrook Police Department
- Town of Seabrook Department of Public Works
- Town of Seabrook Water and Sewer
- Town of Seabrook Emergency Management
- Town of Seabrook Board of Selectmen
- Town of Seabrook Town Manager
- Town of Seabrook School District

1.24 South Hampton Emergency Operations Center

- South Hampton Fire Department
- South Hampton Police Department
- South Hampton Board of Selectmen
- Amateur Radio Emergency Service

1.25 Stratham Emergency Operations Center

- Town of Stratham Emergency Management
- Town of Stratham Administration
- Town of Stratham Buildings Department
- Town of Stratham Department of Public Works
- Stratham Fire Department
- Stratham Police Department
- Amateur Radio Emergency Services

2.0 Commonwealth of Massachusetts

2.1 Amesbury Emergency Operations Center

- Amesbury Office of the Mayor
- Amesbury Emergency Management Agency
- Amesbury Police Department
- Amesbury Fire Department
- Amesbury Department of Public Works

2.2 Massachusetts 2-1-1

- United Way of Tri-County, Framingham, MA (a sponsor of MA 211)
- Massachusetts Emergency Management Agency

2.3 Massachusetts Emergency Operations Facility

- Massachusetts Department of Public Health, Radiation Control Program
- Massachusetts Emergency Management Agency

2.4 Massachusetts Field Monitoring Team #1

- MA Nuclear Incident Advisory Team (NIAT)

2.5 Massachusetts Field Monitoring Team #2

- Massachusetts Department of Public Health Radiation Control Program

2.6 Massachusetts Joint Information Center

- Massachusetts Emergency Management Agency
- Next Era Energy

2.7 Massachusetts State Emergency Operations Center

- Massachusetts Emergency Management Agency
- Massachusetts Department of Public Health
- Massachusetts 2-1-1
- Massachusetts Department of Agricultural Resources
- Massachusetts State Police
- American Red Cross of Central Massachusetts
- Massachusetts State Department of Transportation
- Massachusetts Department of Mental Health
- Massachusetts National Guard
- Massachusetts State Public Information Office
- Massachusetts State Communications Center
- Office of the Secretary of the Commonwealth
- Next Era Energy Seabrook Station

2.8 Massachusetts Emergency Management Agency Region I Emergency Operations Center

- Massachusetts Emergency Management Agency
- Massachusetts State Police
- Massachusetts Department of Transportation
- Massachusetts Department of Mental Health
- Dracut Fire and EMS
- American Red Cross
- MEMA Region I Radio Club (Volunteers)

2.9 Merrimac Emergency Operations Center

- Merrimac Emergency Management Department
- Merrimac Police Department
- Merrimac Fire Department

2.10 Newbury Emergency Operations Center

- Newbury Council on Aging
- Newbury Emergency Communications
- Newbury Emergency Management Agency
- Newbury Fire Department
- Newbury Police Department
- Newbury Public Works / Highway Department

2.11 Newburyport Emergency Operations Center

- Newburyport Police Department
- Newburyport Fire Department
- Newburyport Fire Department Dispatcher
- Newburyport Public Works
- Newburyport Department of Transportation
- Newburyport Harbor Patrol

2.12 Salisbury Emergency Operations Center

- Salisbury Emergency Management
- Salisbury Department of Public Works
- Salisbury Parks and Recreation
- Salisbury Fire Department
- Salisbury Police Department

2.13 West Newbury Emergency Operations Center

- Town of West Newbury Bureau of Health
- Town of West Newbury Communications Officer
- Town of West Newbury Council on Aging
- Town of West Newbury Department of Public Works
- Town of West Newbury Emergency Management Agency
- Town of West Newbury Fire Department
- Town of West Newbury Highway Department
- Town of West Newbury Municipal Official
- Town of West Newbury Police Department
- Town of West Newbury Special Needs Officer
- Town of West Newbury Transportation

Section 2: Analysis of Capabilities

Summary Results of Assessment

Each jurisdiction or functional entity was evaluated based on the demonstration of core capabilities and capability targets. The demonstration status of capability targets is indicated using the following terms:

- **Met (M):** The jurisdiction or functional entity performed all activities under the objective/capability target to the level required per the work plan and/or the extent-of-play agreement, with no Level 1 or Level 2 Findings evaluated under that objective/capability target during the current activity and no unresolved prior Level 2 Finding(s).
- **Level 1 Finding (L1):** An observed or identified inadequacy of organizational performance during an assessment activity 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 an NPP.
- **Level 2 Finding (L2):** An observed or identified inadequacy of organizational performance during an assessment activity that is not considered, by itself, to adversely impact public health and safety.
- **Plan Issue (P):** An observed or identified inadequacy in the Off-site Response Organizations (ORO)'s emergency plan/implementing procedures rather than in that of the ORO's performance.
- **Not Demonstrated (N):** For a justifiable reason, the jurisdiction or functional entity did not perform assessment activities under the objective/capability target as specified in the extent-of-play agreement.
- **Not Applicable (N/A):** The objective/capability target does not apply to the jurisdiction.

Table 1 on the following page includes the assessment activity objectives, capability targets, selected core capabilities, and status of each capability target evaluated during the Seabrook Station Exercise.

Exercise Objectives and Core Capabilities

Capability Target	Core Capability
Objective 1: Emergency Operations Management	
1.1 Mobilization	Operational Coordination; Planning
1.2 Direction and Control	Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning
1.3 Protective Action Recommendations	Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning
1.4 Protective Action Decisions for the Plume Phase	Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning
1.5 Protective Action Decision Implementation for the Plume Phase	Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning
Objective 2: Exposure Control	
2.1 Emergency Worker Exposure Control Decision-Making Process	Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning
2.2 Emergency Worker Exposure Control Management	Operational Coordination; Environmental Response/Health and Safety; Planning
Objective 3: Alert and Notification	
3.1 Communications	Operational Communications; Operational Coordination; Situational Awareness; Planning
3.2 Alert and Notification of the Public	Public Information and Warning; Planning
3.3 Emergency Information and Instructions for the Public and News Media	Public Information and Warning; Planning
Objective 4: Detect, Measure, Sample, Analyze, and Assess	
4.1 Field Monitoring Teams Management	Operational Coordination; Environmental Response/Health and Safety; Planning
4.2 Plume Phase Measurements and Sampling	Environmental Response/Health and Safety; Planning

Capability Target	Core Capability
4.5 Plume Phase Analysis and Dose Assessment	Environmental Response/Health and Safety; Planning
Objective 5: Operate	
5.2 Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles	Operational Coordination; Environmental Response/Health and Safety; Planning
5.4 Traffic and Access Control	Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment

Table 1: Summary Results of Capability Targets

Date: 2024-04-03 Site: Seabrook Station, New Hampshire M: Met, L1: Level 1 Finding, L2: Level 2 Finding, P: Plan Issue, N: Not Demonstrated	NH STATE EOC	NH IFO PORTSMOUTH	NH EOF	NH FMT#1	NH FMT#2	NH JIC	NH STATE POLICE WARNING PT.	ROCKINGHAM DISPATCH	BRENTWOOD EOC
OBJECTIVE 1: EMERGENCY OPERATIONS MANAGEMENT									
Capability Target 1.1: Mobilization	M	M	M	M	M	M	M	M	M
Capability Target 1.2: Direction and Control	M	M	M			M	M	M	M
Capability Target 1.3: Protective Action Recommendations	M		M						
Capability Target 1.4: Protective Action Decisions for the Plume Phase	P		M						
Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase									M

Capability Target 1.6: Protective Action Decisions for the Post-Plume Phase									
Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase									
Objective 2: Exposure Control									
Capability Target 2.1: Emergency Worker Exposure Control Decision- Making Process	M		M						
Capability Target 2.2: Emergency Worker Exposure Control Management			M	M	M				M
Objective 3: Alert and Notification									
Capability Target 3.1: Communications	M	M		M	M	M	M	M	M
Capability Target 3.2: Alert and Notification of the Public	M							M	
Capability Target 3.3: Emergency Information and	M	M				M			M

Instructions for the Public and News Media									
Objective 4: Detect, Measure, Sample, Analyze, and Assess									
Capability Target 4.1: Field Monitoring Teams Management			M						
Capability Target 4.2: Plume Phase Measurements and Sampling				M	M				
Capability Target 4.3: Post-Plume Phase Measurements and Sampling									
Capability Target 4.4: Laboratory Operations									
Capability Target 4.5: Plume Phase Analysis and Dose Assessment			M						
Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis									
Objective 5: Operate									
Capability Target 5.1: Monitoring,									

Decontamination, Sheltering, and Registration of Evacuees									
Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles									M
Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals									
Capability Target 5.4: Traffic and Access Control	M								M

Date: 2024-04-03 Site: Seabrook Station, New Hampshire M: Met, L1: Level 1 Finding, L2: Level 2 Finding, P: Plan Issue, N: Not Demonstrated	EAST KINGSTON EOC	EXETER EOC	GREENLAND EOC	HAMPTON EOC	HAMPTON FALLS EOC	KENSINGTON EOC	KINGSTON EOC	NEW CASTLE EOC	NEWFIELDS EOC
	OBJECTIVE 1: EMERGENCY OPERATIONS MANAGEMENT								
	Capability Target 1.1: Mobilization	M	M	M	M	M	M	M	M
	Capability Target 1.2: Direction and Control	M	M	M	M	M	M	M	M
	Capability Target 1.3: Protective Action Recommendations								
	Capability Target 1.4: Protective Action Decisions for the Plume Phase								
Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase	M	M	M	M	M	M	M	M	M

Capability Target 1.6: Protective Action Decisions for the Post-Plume Phase									
Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase									
Objective 2: Exposure Control									
Capability Target 2.1: Emergency Worker Exposure Control Decision- Making Process									
Capability Target 2.2: Emergency Worker Exposure Control Management	M	M	M	M	M	M	M	M	M
Objective 3: Alert and Notification									
Capability Target 3.1: Communications	M	M	M	M	M	M	M	M	M
Capability Target 3.2: Alert and Notification of the Public									
Capability Target 3.3: Emergency Information and	M	M	M	M	M	M	M	M	M

Instructions for the Public and News Media									
Objective 4: Detect, Measure, Sample, Analyze, and Assess									
Capability Target 4.1: Field Monitoring Teams Management									
Capability Target 4.2: Plume Phase Measurements and Sampling									
Capability Target 4.3: Post-Plume Phase Measurements and Sampling									
Capability Target 4.4: Laboratory Operations									
Capability Target 4.5: Plume Phase Analysis and Dose Assessment									
Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis									
Objective 5: Operate									
Capability Target 5.1: Monitoring,									

Decontamination, Sheltering, and Registration of Evacuees									
Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles	M	M	M	M	M	L2	M	M	M
Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals									
Capability Target 5.4: Traffic and Access Control	M	M	M	M	M	M	M	M	M

Date: 2024-04-03 Site: Seabrook Station, New Hampshire M: Met, L1: Level 1 Finding, L2: Level 2 Finding, P: Plan Issue, N: Not Demonstrated	NEWTON EOC	NORTH HAMPTON EOC	PORTSMOUTH EOC	RYE EOC	SEABROOK EOC	SOUTH HAMPTON EOC	STRATHAM EOC	MA SEOC	MA 211
OBJECTIVE 1: EMERGENCY OPERATIONS MANAGEMENT									
Capability Target 1.1: Mobilization	M	M	M	M	M	M	M	M	M
Capability Target 1.2: Direction and Control	M	M	M	M	M	M	M	M	
Capability Target 1.3: Protective Action Recommendations								M	
Capability Target 1.4: Protective Action Decisions for the Plume Phase								M	
Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase	M	M	M	M	M	M	M		

Capability Target 1.6: Protective Action Decisions for the Post-Plume Phase									
Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase									
Objective 2: Exposure Control									
Capability Target 2.1: Emergency Worker Exposure Control Decision- Making Process								M	
Capability Target 2.2: Emergency Worker Exposure Control Management	M	M	M	M	M	M	M		
Objective 3: Alert and Notification									
Capability Target 3.1: Communications	M	M	M	M	M	M	M	M	M
Capability Target 3.2: Alert and Notification of the Public								M	
Capability Target 3.3: Emergency Information and	M	M	M	M	M	M	M	M	M

Instructions for the Public and News Media									
Objective 4: Detect, Measure, Sample, Analyze, and Assess									
Capability Target 4.1: Field Monitoring Teams Management									
Capability Target 4.2: Plume Phase Measurements and Sampling									
Capability Target 4.3: Post-Plume Phase Measurements and Sampling									
Capability Target 4.4: Laboratory Operations									
Capability Target 4.5: Plume Phase Analysis and Dose Assessment									
Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis									
Objective 5: Operate									
Capability Target 5.1: Monitoring,									

Decontamination, Sheltering, and Registration of Evacuees									
Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles	M	M	M	M	M	M	M		
Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals									
Capability Target 5.4: Traffic and Access Control	M	M	M	M	M	M	M	M	

Date: 2024-04-03 Site: Seabrook Station, New Hampshire M: Met, L1: Level 1 Finding, L2: Level 2 Finding, P: Plan Issue, N: Not Demonstrated	MEMA R1	MA JIC	MA EOF	MA FMT#1	MA FMT#2	AMESBURY EOC	MERRIMAC EOC	NEWBURY EOC	NEWBURYPORT EOC
OBJECTIVE 1: EMERGENCY OPERATIONS MANAGEMENT									
Capability Target 1.1: Mobilization	M	M	M	M	M	M	M	M	M
Capability Target 1.2: Direction and Control	M	M	M			M	M	M	M
Capability Target 1.3: Protective Action Recommendations			M						
Capability Target 1.4: Protective Action Decisions for the Plume Phase			M						
Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase	M					M	M	M	M

Capability Target 1.6: Protective Action Decisions for the Post-Plume Phase									
Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase									
Objective 2: Exposure Control									
Capability Target 2.1: Emergency Worker Exposure Control Decision- Making Process			M						
Capability Target 2.2: Emergency Worker Exposure Control Management			M	M	M	M	M	M	M
Objective 3: Alert and Notification									
Capability Target 3.1: Communications	M	M		M	M	M	M	M	M
Capability Target 3.2: Alert and Notification of the Public									
Capability Target 3.3: Emergency Information and		M				M	M	M	M

Instructions for the Public and News Media									
Objective 4: Detect, Measure, Sample, Analyze, and Assess									
Capability Target 4.1: Field Monitoring Teams Management			M						
Capability Target 4.2: Plume Phase Measurements and Sampling				M	M				
Capability Target 4.3: Post-Plume Phase Measurements and Sampling									
Capability Target 4.4: Laboratory Operations									
Capability Target 4.5: Plume Phase Analysis and Dose Assessment			M						
Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis									
Objective 5: Operate									
Capability Target 5.1: Monitoring,									

Decontamination, Sheltering, and Registration of Evacuees									
Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles									
Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals									
Capability Target 5.4: Traffic and Access Control	M					M	M	M	M

<div>Date: 2024-04-03</div> <div>Site: Seabrook Station, New Hampshire</div> <div>M: Met, L1: Level 1 Finding, L2: Level 2 Finding, P: Plan Issue, N: Not Demonstrated</div>	SALISBURY EOC	WEST NEWBURY EOC								
OBJECTIVE 1: EMERGENCY OPERATIONS MANAGEMENT										
Capability Target 1.1: Mobilization	M	M								
Capability Target 1.2: Direction and Control	M	M								
Capability Target 1.3: Protective Action Recommendations										
Capability Target 1.4: Protective Action Decisions for the Plume Phase										
Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase	M	M								
Capability Target 1.6: Protective Action Decisions for the Post-Plume Phase										
Capability Target 1.7: Protective Action Decision Implementation for the Post-Plume Phase										
Objective 2: Exposure Control										
Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process										

Capability Target 2.2: Emergency Worker Exposure Control Management	M	M							
Objective 3: Alert and Notification									
Capability Target 3.1: Communications	M	M							
Capability Target 3.2: Alert and Notification of the Public									
Capability Target 3.3: Emergency Information and Instructions for the Public and News Media	M	M							
Objective 4: Detect, Measure, Sample, Analyze, and Assess									
Capability Target 4.1: Field Monitoring Teams Management									
Capability Target 4.2: Plume Phase Measurements and Sampling									
Capability Target 4.3: Post-Plume Phase Measurements and Sampling									
Capability Target 4.4: Laboratory Operations									
Capability Target 4.5: Plume Phase Analysis and Dose Assessment									
Capability Target 4.6: Post-Plume Phase Sampling Plan Development and Analysis									
Objective 5: Operate									
Capability Target 5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees									

Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles									
Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals									
Capability Target 5.4: Traffic and Access Control	M	M							

Detailed Exercise Evaluation Results

The following section provides narrative descriptions for each venue, detailing the results of the evaluation per objective, capability target, and core capability.

NEW HAMPSHIRE STATE EMERGENCY OPERATIONS CENTER

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.3, 1.4, 2.1, 3.1, 3.2, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: One
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

Planning Issue Number: 57-24-1.4-P-01

Issue for Capability Target 1.4

CONDITION: The New Hampshire Incident Field Office (IFO) provided conflicting guidance to the New Castle Emergency Operations Center (EOC) staff regarding the provision of potassium iodide (KI) to emergency workers. The NH SEOC informed community EOCs of the decision for emergency workers to ingest KI via the 300B form #2, box 19: *The following Precautionary/Protective Actions are recommended: "Authorize KI for Emergency Workers"*. New Castle EOC staff made several attempts to confirm if they should ingest KI, and the IFO staff stated that KI should be administered but not ingested.

POSSIBLE CAUSE: The language used in the 300B form could be confusing and open to interpretation. The 300B form is not specific and could be interpreted as meaning “authorized to distribute KI” or “authorized to ingest KI”.

REFERENCES: 300B Form, EPZ Communities – 05.2021 and 2019 RPM NUREG-0654/FEMA-REP-1, Rev. 2, criteria: *D.1.b, D.4, J.6, J.7, J.8, J.8.b, J.10, J.10.a, J.10.b, J.11.c-g, and O.1.*

EFFECT: Due to the Newcastle EOC’s location twelve miles north and upwind in this scenario, the effects would have been limited in this case. However, in a different scenario this confusion could result in a lack of thyroid protection for emergency workers during a radiological release.

RECOMMENDATION:

1. Update the 300B form to clearly state its intention regarding potassium iodide (KI) (for example, “authorized to ingest” or other clear language).
2. Ensure staff are trained and understand the 300B form and any associated Protective Action Recommendations (PARs).

NEW HAMPSHIRE IFO PORTSMOUTH

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 3.1, 3.3
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW HAMPSHIRE EOF

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 4.1, 4.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW HAMPSHIRE FMT#1

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 2.2, 3.1, 4.2
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW HAMPSHIRE FMT#2

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 2.2, 3.1, 4.2
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW HAMPSHIRE JIC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 3.1, 3.3
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW HAMPSHIRE STATE POLICE WARNING POINT

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 3.1
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

ROCKINGHAM DISPATCH

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 3.1, 3.2
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

BRENTWOOD EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

EAST KINGSTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

EXETER EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None

g. PRIOR ISSUES - UNRESOLVED: None

GREENLAND EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

HAMPTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

HAMPTON FALLS EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

KENSINGTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: One; Successfully Redemonstrated
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

Level 2 Finding/Performance Issue: 57-24-5.2-L2-01	Issue for Capability Target: 5.2
<p>CONDITION: The Emergency Worker (EW) conducted the radiological screening with the CDV-700 pancake probe at a rate of speed which was too fast to adequately detect radiological contamination. The initial whole-body scan was demonstrated with the probe being held more than 3 inches away from the body and did not include the palms of hands. In addition, the scan was completed in just over 2 minutes. The initial demonstration was not in accordance with the Personnel Screening Job Aid.</p>	
<p>POSSIBLE CAUSE: Emergency Worker screening at the local EOC's is still a fairly new process, so personnel may not have much experience and training in conducting radiological screening.</p>	
<p>REFERENCES: Personnel Screening Job Aid- 11.2023, Personnel Screening Graphic: EPZ Communities – 05.2021, and 2019 RPM NUREG-0654/REP-1, Rev.2, criteria: K.4, O.1.</p>	
<p>EFFECT: Improper speed and distance of the CDV-700 pancake probe could cause the instrument not to accurately detect radioactivity. This can lead to potential cross-contamination of other emergency workers and/or the general public.</p>	
<p>RECOMMENDATION: Screening personnel should receive additional training and periodic refresher training on conducting whole-body screening to include proper speed and distance from the body per the Personnel Screening Job Aid.</p>	
<p>**NOTE: This Level 2 Finding was successfully re-demonstrated and closed during this 2024 Plume exercise. During the exercise, the evaluator discussed the issue with the controller. The controller stopped play and the provided on-the-spot-training. The player then successfully performed the monitoring in accordance with the Personal Screening Job Aid guidelines</p>	

KINGSTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None

- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEW CASTLE EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEWFIELDS EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEWTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NORTH HAMPTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4,
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None

- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

PORTSMOUTH EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

RYE EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

SEABROOK EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

SOUTH HAMPTON EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None

- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

STRATHAM EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.2, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS STATE EMERGENCY OPERATIONS CENTER

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.3, 1.4, 2.1, 3.1, 3.2, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS 211

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.2, 3.1, 3.3
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY REGION I

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 3.1, 5.4

- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS JIC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 3.1, 3.3
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS EOF

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 4.1, 4.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS FMT #1

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 2.2, 3.1, 4.2
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MASSACHUSETTS FMT #2

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 2.2, 3.1, 4.2
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

AMESBURY EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

MERRIMAC EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEWBURY EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

NEWBURYPORT EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

SALISBURY EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

WEST NEWBURY EOC

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.1, 1.2, 1.5, 2.2, 3.1, 3.3, 5.4
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES - UNRESOLVED: None

New Hampshire Out of Sequence Events in 2023

Medical Services Hospital Drill evaluated April 2023

Wentworth-Douglass Hospital – Dover, NH

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 2.2, 5.3

- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

New Hampshire Out of Sequence evaluations November 2023

Schools:

Adeline C. Marson School
Barnard School
East Kingston Elementary School
Great Bay Charter School
Little Harbour School
Portsmouth Career & Tech
The Treehouse School

In summary, the status of DHS/FEMA capability targets for the evaluated locations is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Licensed Child Care Facilities:

Bright Horizons at Timberland Day Care Center
Carriage Town Kids
Little Blessings Child Care
Little Munchkins
Nurture and Nature Children's Center
Robin's Childs Place
Rye Country Day School
Seacoast Community School at Gosling

In summary, the status of DHS/FEMA capability targets for the evaluated locations is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Residential Camp:

Camp Gundalow

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Long-term Care Facility:

Cedar Health Care (Nursing Home)

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Massachusetts Out of Sequence Events in 2023

Medical Services Hospital Drill evaluated May 2023

Lowell General Hospital – Lowell, MA

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 2.2, 5.3
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Massachusetts Out of Sequence Evaluations May/June/July 2023

Schools:

Amesbury Elementary School
Amesbury High School

Amesbury Middle School
Amesbury Innovation High School
Amesbury Superintendent District Office
Bresnahan School
Cashman Elementary School
Dr. FN Sweetsir School
Dr. John C. Page School
Helen R. Donoghue School
Immaculate Conception Catholic School District
Molin School District
Newbury Elementary School
Newburyport School District
Nock High School
Nock Middle School
Pentucket Regional High School
Pentucket Regional Middle School
Pentucket Superintendent District Office
River Valley Charter School District
Salisbury Elementary School
Triton Regional High School
Triton Regional Middle School

In summary, the status of DHS/FEMA capability targets for the evaluated locations is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Licensed Adult Support Facility:
Opportunity Works

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Licensed Child Care Facility:
James Place

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Long-term Care Facilities:

Atria Merrimac Place
County Center for Health & Rehabilitation
Merrimac Valley Health Center
Mill Town Health & Rehabilitation Center

In summary, the status of DHS/FEMA capability targets for this location is as follows:

- a. MET: 1.5
- b. LEVEL 1 FINDINGS: None
- c. LEVEL 2 FINDINGS: None
- d. PLAN ISSUES: None
- e. NOT DEMONSTRATED: None
- f. PRIOR ISSUES - RESOLVED: None
- g. PRIOR ISSUES – UNRESOLVED: None

Appendix A: Exercise Timeline

Emergency Classification Level, Event, or Action	Time Utility Declared	Time that Notification was Received, or Action was Taken						
		All times are Eastern Daylight Time (EDT)						
		NH SEOC	NH IFO PORTSMOUTH	NH EOF	NH JIC	ROCKINGHAM DISPATCH	BRENTWOOD EOC	EAST KINGSTON EOC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0754	0803	0831	0820	NA	0809	0814	0814
Site Area Emergency	0947	0954	1005	0947	0949	1000	1005	1003
General Emergency	1121	1129	1133	1121	1121	1135	1136	1136
Simulated Radioactivity Release Began	0947	1000	0951	0941	0947	1000	1005	N/A
Simulated Radioactivity Release Terminated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0830	0854	0852	N/A	0830	0841	N/A
Governor's Declaration of State of Emergency		1000	1000	1000	1000	N/A	1000	1000
Exercise Terminated		1300	1300	1234	1238	1308	1300	1300
Early Precautionary Action Recommendations:		N/A	1005	1015	1015	N/A	0814	N/A
Water Restrictions (boating, fishing, etc.)		0855	N/A	N/A	1015	N/A	0814	N/A
Air Restrictions		1010	1005	N/A	1015	N/A	0814	N/A
Rail Restrictions		1010	N/A	N/A	1015	N/A	0814	N/A
Close Parks		1010	1005	N/A	1015	N/A	0814	N/A
Livestock Advisory		0855	0831	N/A	1015	N/A	0814	N/A
1st A&N Decision		1008	1015	1015	1015	1018	1015	1015
1st Siren Activation:		1020	1020	1020	1020	1020	1020	1020
1st EAS/EBS Message:		1023	1023	1023	1023	1023	1023	1023
2nd A&N Decision		1145	1140	1145	N/A	1149	1145	N/A
2nd Siren Activation:		1157	1157	1157	1157	1157	1157	1157
2nd EAS/EBS Message:		1200	1200	1200	1200	1200	1200	1200

Seabrook Station AAR

KI Administration Decision (Emergency Workers):		1003	1005	1015	1015	N/A	1005	1056
KI Administration Decision (General Public):		1140	1133	1145	1145	1135	1136	1145
Emergency Classification Level, Event, or Action	Time Utility Declared	Time that Notification was Received, or Action was Taken						
		All times are Eastern Daylight Time (EDT)						
		EXETER EOC	GREENLAND EOC	HAMPTON EOC	HAMPTON FALLS EOC	KENSINGTON EOC	KINGSTON EOC	NEW CASTLE EOC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0754	0817	0815	0816	0812	0812	0812	0816
Site Area Emergency	0947	1007	1003	1006	1003	1007	1015	1015
General Emergency	1121	1121	1137	1136	1137	1136	1145	1145
Simulated Radioactivity Release Began	0947	1017	1017	1006	1019	1007	1015	1015
Simulated Radioactivity Release Terminated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0830	0857	0840	0847	0905	0828	0833
Governor's Declaration of State of Emergency		1000	1017	1000	1019	1000	1000	1025
Exercise Terminated		1259	1301	1300	1300	1300	1300	1300
Early Precautionary Action Recommendations:		N/A	N/A	N/A	N/A	N/A	0906	N/A
Water Restrictions (boating, fishing, etc.)		1015	1017	1015	1019	N/A	N/A	1015
Air Restrictions		1015	1017	1015	1019	N/A	N/A	N/A
Rail Restrictions		1121	1151	1145	1019	N/A	N/A	N/A
Close Parks		1015	1017	1015	1019	0919	0906	1015
Livestock Advisory		0917	0907	0905	0914	N/A	0906	1015
1st A&N Decision		1015	1015	1010	1015	1015	1015	1015
1 st Siren Activation:		1020	1017	1020	1020	1020	1020	1020
1 st EAS/EBS Message:		1023	1017	1023	1023	1023	1023	1023
2nd A&N Decision		1021	N/A	1137	1149	N/A	1150	N/A

Seabrook Station AAR

2 nd Siren Activation:	1157	1157	1157	1157	1157	1157	1157	1157
2 nd EAS/EBS Message:	1200	1200	1200	1200	1200	1200	1200	1200
KI Administration Decision (Emergency Workers):	1007	1017	1006	1019	1045	1015	1240	
KI Administration Decision (General Public):	1121	1151	1136	1149	N/A	1145	N/A	
Emergency Classification Level, Event, or Action	Time Utility Declared	Time that Notification was Received, or Action was Taken						
		All times are Eastern Daylight Time (EDT)						
		NEWFIELD EOC	NEWTON EOC	NORTH HAMPTON EOC	PORTSMOUTH EOC	RYE EOC	SEABROOK EOC	SOUTH HAMPTON EOC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0754	0813	0814	0819	0822	0822	0817	0815
Site Area Emergency	0947	1004	1002	1002	1019	1003	1004	1015
General Emergency	1121	1136	1136	1137	1139	1137	1138	1150
Simulated Radioactivity Release Began	0947	1004	1002	1010	1019	1003	1015	1016
Simulated Radioactivity Release Terminated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0845	0855	0849	0845	0901	0851	0841
Governor's Declaration of State of Emergency		1000	1002	1000	1019	1000	1000	1015
Exercise Terminated		1300	1300	1300	1300	1300	1300	1300
Early Precautionary Action Recommendations:		N/A	N/A	N/A	0909	N/A	0845	N/A
Water Restrictions (boating, fishing, etc.)		1017	1002	1024	0909	1017	N/A	1015
Air Restrictions		1017	1002	1024	0909	1017	N/A	1015
Rail Restrictions		1151	1136	1137	N/A	1150	N/A	1150
Close Parks		1017	1002	1024	0909	1017	N/A	1015
Livestock Advisory		0907	0908	0912	0909	0904	N/A	0815
1 st A&N Decision		1015	1015	1010	1019	1015	1015	1015
1 st Siren Activation:		1020	1020	1020	1020	1020	1020	1020
1 st EAS/EBS Message:		1023	1023	1023	1023	1023	1023	1023

Seabrook Station AAR

2nd A&N Decision	N/A	1145	1157	1151	N/A	N/A	1150
2 nd Siren Activation:	1157	1157	1157	1157	1157	1157	1157
2 nd EAS/EBS Message:	1200	1200	1200	1200	1200	1200	1200
KI Administration Decision (Emergency Workers):	1017	1002	1024	1019	1017	1015	1015
KI Administration Decision (General Public):	1151	1136	1154	1151	1150	1145	1150

Emergency Classification Level, Event, or Action	Time Utility Declared	Time that Notification was Received, or Action was Taken						
		All times are Eastern Daylight Time (EDT)						
		STRATHAM EOC	MA SEOC	MEMA REGION I	MA JIC	MA EOF	AMESBURY EOC	MERRIMAC EOC
Unusual Event	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Alert	0754	0816	0802	0815	N/A	0820	0821	0821
Site Area Emergency	0947	1002	0954	1003	N/A	0949	1020	1006
General Emergency	1121	1136	1128	1132	N/A	1121	1139	1139
Simulated Radioactivity Release Began	0947	1017	0947	1003	0947	0941	1020	1020
Simulated Radioactivity Release Terminated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Declared Operational		0840	0820	0840	0853	0909	0831	0837
Governor's Declaration of State of Emergency		1017	1000	1015	1015	1030	1015	1015
Exercise Terminated		1300	1257	1300	1238	1234	1258	1310
Early Precautionary Action Recommendations:		0906	0945	0935	1041	N/A	1010	N/A
Water Restrictions (boating, fishing, etc.)		0906	1141	0935	1041	1041	1010	1020
Air Restrictions		0906	1141	1147	1041	N/A	1010	1020
Rail Restrictions		0906	1141	1147	1041	N/A	1010	1020
Close Parks		0906	0945	0935	1041	1041	1010	1020
Livestock Advisory		0906	0945	0935	1041	1041	1010	1020
1st A&N Decision		1017	1015	0958	1015	1041	1023	1015
1 st Siren Activation:		1020	1020	1020	1020	1041	1020	1020

Seabrook Station AAR

1 st EAS/EBS Message:	1023	1023	1023	1023	1041	1023	1023
2nd A&N Decision	1151	1145	1130	N/A	1159	1157	N/A
2 nd Siren Activation:	1157	1157	1157	1157	1157	1157	1157
2 nd EAS/EBS Message:	1200	1200	1200	1200	1200	1200	1200
KI Administration Decision (Emergency Workers):	1017	1007	1052	1014	1041	1029	1052
KI Administration Decision (General Public):	1151	1145	1132	1146	1159	1157	1146
Emergency Classification Level, Event, or Action	Time Utility Declared	Time that Notification was Received, or Action was Taken					
		All times are Eastern Daylight Time (EDT)					
		NEWBURY Y EOC	NEWBURY PORT EOC	SALISBURY EOC	WEST NEWBURY EOC		
Unusual Event	N/A	N/A	N/A	N/A	N/A		
Alert	0754	0821	0824	0824	0822		
Site Area Emergency	0947	1000	1006	1003	1007		
General Emergency	1121	1137	1129	1141	1137		
Simulated Radioactivity Release Began	0947	1112	1030	1016	1137		
Simulated Radioactivity Release Terminated	N/A	N/A	N/A	N/A	N/A		
Facility Declared Operational		0830	0851	0852	0834		
Governor's Declaration of State of Emergency		1015	1015	1015	1015		
Exercise Terminated		1258	1235	1217	1254		
Early Precautionary Action Recommendations:		0945	0945	1004	N/A		
Water Restrictions (boating, fishing, etc.)		1005	1030	1004	0945		
Air Restrictions		N/A	N/A	N/A	N/A		
Rail Restrictions		N/A	N/A	N/A	N/A		
Close Parks		1005	1030	1004	0945		
Livestock Advisory		1005	1030	1004	0945		
1st A&N Decision		1020	1027	1016	1015		

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1 st Siren Activation:	1020	1020	1020	1020			
1 st EAS/EBS Message:	1023	1023	1023	1023			
2nd A&N Decision	1150	1154	1140	1157			
2 nd Siren Activation:	1157	1157	1157	1157			
2 nd EAS/EBS Message:	1200	1200	1200	1200			
KI Administration Decision (Emergency Workers):	1022	1052	1041	1157			
KI Administration Decision (General Public):	1155	1129	1157	N/A			

Appendix B: Additional Information

Evaluation Team

Name	Organization
Helen LaForge	Region I, FEMA
Mike Howe	Headquarters, FEMA
Terry Blackmon	Contractor
Gerald McLemore	Region IV, FEMA
Kenneth Wierman	Headquarters, FEMA
Reggie Rodgers	Contractor
Kevin Robinson	Region II, FEMA
John Wills	Contractor
Linda Gee	Region VI, FEMA
Alexander Hazard	Region III, FEMA
Andrew Chancellor	Region VII, FEMA
William Webb	Contractor
James Fumbanks	Headquarters, FEMA
Kevin Leuer	Contractor
LaShawn Halsey	Headquarters, FEMA
Meg Swearingen	Contractor
Nathan Nienhius	Region IV, FEMA
Will McDougall	Contractor
Bruce Swiren	Contractor
Denny Wilford	Contractor
Michael DeBonis	Region II, FEMA
Kevin Reed	Contractor
Lenora Borchardt	Contractor
Doc Burriss	Contractor

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Melissa Ogrodnik	Region VI, FEMA
Rosemary Samsel	Contractor
K. Darren Bates	Headquarters, FEMA
Roy Smith	Contractor
Steve Candurra	Region II, FEMA
Mark Dalton	Contractor
Lee Torres	Region III, FEMA
George LaBonte	Region III, FEMA
Misty Chance	Region VI, FEMA
Rebecca Thompson	Contractor
Joseph Suders	Region III, FEMA
Gary Goldberg	Contractor
Kevin Malone	Region II, FEMA
David Kayen	Contractor
Jeffery Clark	Region VII, FEMA
Roger Winklemann	Contractor
Tom Morgan	Region VII, FEMA
Melody Geer	Contractor
Taylor Griffiths	Region III, FEMA
PJ Nied	Contractor
Brian Hasemann	Region II, FEMA
Cody McKown	Region VII, FEMA
Deb Blunt	Contractor
Robert O'Sullivan	Region I, FEMA
Thomas Scardino	Region II, FEMA
Meghan Hutchinson	Contractor
Brad McRee	Contractor
Marcy Campbell	Contractor
Tony Honnellio	RAC
Carol Shepherd	Contractor

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Paul Ringheiser	Contractor
Jon Christiansen	Contractor
Dan Rose	Region III, FEMA
Larry Broockerd	Headquarters, FEMA
Cheryl Weaver	Contractor
Steve Watts	Contractor
Jim Greer	Contractor

Appendix C: Acronyms and Abbreviations

Acronym	Description
AAR	After Action Report
DHS	Department of Homeland Security
EAS	Emergency Alert System
EBS	Emergency Broadcast System
EOC	Emergency Operations Center
FEMA	Federal Emergency Management Agency
ICS	Incident Command System
IP	Improvement Plan
JIC	Joint Information Center
PAD	Protective Action Decision
PAR	Protective Action Recommendation
REP	Radiological Emergency Preparedness
REPP	Radiological Emergency Preparedness Program
RPM	REP Program Manual
SLTT	state, local, tribal, and territorial
THD	Technological Hazards Division

Appendix D: Extent of Play Agreement

For the STATE OF NEW HAMPSHIRE and THE COMMONWEALTH OF MASSACHUSETTS



HOMELAND SECURITY EMERGENCY MANAGEMENT

Seabrook Station Exercise Cycle Plume Exposure Pathway Extent of Play (XPA)

Graded Exercise: April 3, 2024

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BACKGROUND

This is the 2024 Extent of Play Agreement (XPA) criteria for the New Hampshire (NH) Offsite Response Organization (ORO) involved in the Plume Exercise Cycle for Seabrook Station (SS). No changes have been made to any criteria except as noted in this document.

This XPA covers all components and activities of the Exercise Cycle starting with a Planning Workshop on July 5, 2023. A Tabletop Exercise (TTX) was conducted on September 20, 2023. The Exercise Cycle will culminate with the evaluated exercise on April 3, 2023. Combined Functional Exercise 1 (CFE 1) occurred on October 18, 2023. Feedback from CFE 1 was provided to participants in preparation for CFE 2 which occurred on February 7, 2024. Out of Sequence (OOS) activities and exercises have been scheduled throughout the Exercise Cycle, and the criteria utilized has been incorporated within this XPA and noted throughout the document, as appropriate.

This document does NOT identify all exercise areas to be discussed or exercised by the State and the rest of the ORO. The scenarios developed for and utilized in the drills and exercises have and will incorporate sufficient injects to provide opportunities for all players to participate in response and recovery activities associated with an all-hazards approach. Only items identified in this XPA will be subject to evaluation.

This is a **NEW HAMPSHIRE ONLY** document. The XPA for Massachusetts will be combined with this document by FEMA to form a comprehensive XPA for this exercise cycle.

CALENDAR AND PLAYERS

DATES	PLACE	PARTICIPANTS
July 5, 2023 0930-1100	Virtual from IPOC	Invited: SEOC NH, Command & General Staff ICP, ESFs 1,2,3,4,6,7,8,9,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command; RHTA; AA; Lab; EOF Personnel (both DPHS and HSEM); Planning TTX Discussion-based Non-evaluated
July 26, 2023 0600-1800	Rye	Invited: Selected NH EPZ and Host EOCs, I SEOC Command & General Staff; ESFs 1,2,3,4,5,6,7,8,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command, and Seabrook Station personnel. Workshop Presentation Discussion-based Non-evaluated



September 20, 2023 Exercise 0800-1500	Hampton Facility	Invited: SEOC (NH, ME, MA); Command & General Staff ICP, ESFs 1,2,3,4,6,7,8,9,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command; RHTA; AA; Lab; EOF Personnel (both DPHS and HSEM); FEMA Region I; Selected EPZ and Host EOCs, Seabrook Station; Monitoring Teams.	TTX Discussion-based Non-evaluated
October 18, 2023 0800-1300	SEOC EPZ and Host EOCs EOF, JIC, ICP Monitoring Team locations	NH and MA EPZ and Host EOC personnel; SEOC Command & General Staff; ICP, ESFs 1,2,3,6,7,8,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command; RHTA; AA; EOF Personnel (both DPHS and HSEM); Seabrook Station: Monitoring Teams.	Combined Functional Exercise #1 (CFE #1)
February 7, 2024 0800-1300	SEOC EPZ and Host EOCs EOF, JIC, ICP Monitoring Team locations	NH and MA EPZ and Host EOC personnel; SEOC Command & General Staff; ICP, ESFs 1,2,3,6,7,8,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command; RHTA; AA; EOF Personnel (both DPHS and HSEM); Seabrook Station, FEMA region 1.	Combined Functional Exercise #2 (CFE #2)
April 3, 2024 0800-1300(t)	SEOC EPZ and Host EOCs EOF, JIC, ICP Monitoring Team locations	NH and MA EPZ and Host EOC personnel; SEOC Command & General Staff; ICP, ESFs 1,2,3,6,7,8,10,11,12,13; LL; JIC; RIMC; RadHealth Unified Command; RHTA; AA; EOF Personnel (both DPHS and HSEM); Seabrook Station, FEMA region 1.	Evaluated



FACILITIES

The following will be involved in the Seabrook Station Plume Exposure Pathway Exercise Cycle in 2024:

In Sequence

EPZ Emergency Operations Centers (EOCs): Brentwood, East Kingston, Exeter, Greenland, Hampton, Hampton Falls, Kensington, Kingston, New Castle, Newfields, Newton, North Hampton, Portsmouth, Rye, Seabrook, South Hampton, and Stratham.

State Emergency Operations Center (SEOC): NH Homeland Security and Emergency Management (HSEM)

Local Liaisons will be located at the Incident Field Office (IFO) for part or all of the Exercise Cycle

Emergency Operations Facility (EOF): NH Homeland Security and Emergency Management (HSEM) and NH Division of Public Health Services Radiological Health Section

Incident Field Officer (IFO): NH Homeland Security and Emergency Management (HSEM) and NH Division of Public Health Services Radiological Health Section

State Police Dispatch: State Warning Point

Rockingham County Dispatch Center (RCDC): Dispatch Center for Rockingham County New Hampshire, operated by the Rockingham County Sheriff's Office, located in Brentwood, NH.

Public Inquiry: Public Inquiry Office

Joint Information Center: The JIC will be co-located with the Nuclear Power Plant JIC at the EOF.

Field Monitoring Teams: Monitoring Teams (FMT1 & FMT2)

Dose Assessment Personnel and MTC: Will be located at the EOF

Out of Sequence

Schools:

East Kingston Elementary School- East Kingston
Adeline C. Marson School- Hampton
Great Bay Charter School- Exeter
Portsmouth Career & Tech- Portsmouth
Barnard School- South Hampton
The Treehouse School- Portsmouth
Little Harbour School- Portsmouth

Licensed Child Care Facilities:

Robin's Childs Place- Hampton Falls
Little Blessings Child Care- Portsmouth
Nurture and Nature Children's Center- Newfields
Carriage Town Kids- Kingston



Rye Country Day School- Rye
Little Munchins- Exeter
Seacoast Community School at Gosling- Portsmouth

Residential Camps:

Camp Gundalow- Greenland

Long-term Care Facilities: (Nursing Homes)

Cedar Health Care- Portsmouth

Reception Center(s):

Manchester Memorial High School
Dover Middle School
Rochester Middle School

MS-1 Hospital:

Wentworth-Douglass Hospital- Dover, NH

NH State Police:

Troop A- Epping, NH

State Transportation Staging Area:

Rockingham County Courthouse- Brentwood, NH

State of NH Radiological Laboratory:

29 Hazen Drive, Concord, NH

Evaluation Criteria

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the Evaluator/Controller will inform the participant and provide an opportunity to redemonstrate.

EVALUATION AREA 1: Emergency Operations Management

Capability Target 1.1: Mobilization

Individuals with roles in support of emergency operations are identified, alerted, and mobilized in a timely manner.

Intent: *The capability to alert, notify, and mobilize OROs to staff facilities in support of emergency operations.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.3, A.4, A.5, C.1, C.2, C.2.a, C.2.b, C.3, E.1, E.1.a, E.3, F.1.c, H.6, and O.1)

Core Capabilities: Operational Coordination; Planning



New Hampshire Extent of Play

The notification process for State and local responders will be completed and call down rosters will be available to the FEMA Evaluators upon request.

State Emergency Operations Center (SEOC) — New Hampshire Homeland Security and Emergency Management (HSEM) SEOC emergency staff, the Unified Command (HSEM and Division of Public Health Services Radiological Health Section [RadHealth]), the Emergency Support Function (ESF) Agencies staff, the State Public Information Line staff, the Federal Emergency Management Agency (FEMA), and the Seabrook Nuclear Power Station Liaison will be activated upon notification per procedures.

State Warning Point (SWP) remains activated on a 24-hour basis staffed by State Police communications.

RCDC remains activated on a 24-hour basis staffed by Rockingham County Sheriff's personnel.

Incident Field Office (IFO) - For this exercise cycle, the Local Liaisons will be located at the IFO at the Pease Tradeport and will pre-stage in the vicinity of the IFO. (10 mins/1 hour)

Emergency Operations Facility (EOF) – HSEM and RadHealth may be pre-staged. Dose Assessment personnel will also be located at the EOF. (10 mins /1 hour)

Joint Information Center (JIC) – The Nuclear Power Plant JIC may be pre-staged for CFE #2 and the Evaluated Exercise. (10 mins/1 hour).

Field Monitoring Team (FMT) Personnel – Field Monitoring Teams will meet at DPHS RadioChemistry Lab in Concord where they will receive a briefing from the Lab Supervisor. They will then deploy to a designated staging area where they will contact the Monitoring Team Coordinator (MTC) and report readiness and location. They will receive a complete situation and mission brief. Field Monitoring Team personnel will use a compressed time: 10 mins/1 hour of normal travel response time.

EPZ EOCs - Municipalities will activate their EOCs and personnel for the exercises per their procedures.

Transportation Providers – Initial calls will be made to three transportation providers to verify the contact information and resources (drivers and vehicles) under the LOA. Information obtained will be available for review at ESF#1 and ESF#7. Procedures within community's EOC will provide input to the Local Liaisons as to potential transportation needs. ESF#13 will be responsible to activate STSA per procedures (simulated). No vehicles or personnel will be mobilized during the CFEs or Evaluated Exercise.

State Transportation Staging Area (STSA) – The STSA will be evaluated out-of-sequence.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re- demonstrate the activity that same day.

Capability Target 1.2: Direction and Control

Individuals in leadership roles provide direction and control to the portion of the overall response effort for which they are responsible.

Intent: *The capability to provide overall direction and control of response efforts, commensurate with the responsibilities of leadership, as detailed in plans/procedures.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.1.c, A.2, A.3, A.5, C.2, C.2.a, C.2.b, C.3, D.4, E.1, H.6, and O.1)

Core Capabilities: *Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning*

New Hampshire Extent of Play

EPZ EOCs: If any communities are directed to evacuate, EOC personnel will demonstrate continuity of government through a discussion of logistics. Closing of the EOC and relocation to a facility outside the EPZ will be simulated through discussion.

Facilities: **North Hampton will be operating out of a new EOC.** Participating facilities will show that equipment, maps, displays, dosimetry, KI and other supplies are adequate and sufficient to support the emergency response. Documentation of dosimetry inspection, dosimetry inventory and KI inventory will be available for review by RIMC and/or RadHealth.

Host EOCs: The Dover, Rochester, and Manchester EOCs will be evaluated OOS, in conjunction with their Reception Center evaluations.

IFO: Will be evaluated on the facilities and equipment portion of the Capability Target.

EOF: Will be evaluated on the facilities and equipment portion of the Capability Target.

JIC: Will be evaluated on the facilities and equipment portion of the Capability Target.

SWP: Will be evaluated on the facilities and equipment portion of the Capability Target.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.



Capability Target 1.3: Protective Action Recommendations

Appropriate Protective Action Recommendations (PARs) are selected based on available information and other factors.

Intent: *The capability to use dose assessment and field data, compare this data to the Protective Action Guides (PAGs), and choose among a range of protective actions those most appropriate in a given emergency.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (D.4, J.7, J.8, J.8.b, J.9, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

New Hampshire Extent of Play

SEOC: The SEOC decision-making team will evaluate the protective action recommendations of the State Dose Assessment Team and the utility and develop appropriate protective action decisions.

Note: *If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.*

Capability Target 1.4: Protective Action Decisions for the Plume Phase

Appropriate Protective Action Decisions (PADs) are based on available information for the plume phase.

Intent: *The capability to utilize appropriate factors and necessary coordination in the decision-making process used to make PADs for the public.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (D.1.b, D.4, J.6, J.7, J.8, J.8.b, J.10, J.10.a, J.10.b, J.11.c-g, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning

New Hampshire Extent of Play

SEOC, EOF. PADs, including those for individuals with disabilities and access/functional needs population groups, are demonstrated at the SEOC based upon information provided by RadHealth Dose Assessment Program staff at the EOF. HSEM and RadHealth staff will analyze utility, Field Monitoring Team and meteorological data provided at the EOF and SEOC to make a recommendation to the SEOC for their consideration and implementation in making protective action decisions. Information on protective/precautionary actions is passed to special facilities (simulated) from the SEOC to the EPZ EOCs through the Local Liaisons. Policies and procedures utilized by Special Facilities are discussed through interviews during out-of-sequence interviews with a representative selection of special facilities within the EPZ.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day .

Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase

Implement decisions for those populations and areas subject to plume phase protective actions.

Intent: *The capability to implement precautionary protective action and/or PADs, including evacuation and/or sheltering, for all populations within the plume and ingestion exposure pathway EPZs. The populations include those with access and functional needs, students, and institutionalized individuals.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.4, C.2.a, G.1, J.11, J.11.a, J.11.b, J.11.c, J.11.e, J.11.g, and O.1)

Core Capabilities: *Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning*

New Hampshire Extent of Play

All actual and simulated contacts must be logged.

SEOC: ESF 15 and ESF 2 Staff will demonstrate the ability to notify the general public of PADs through the Emergency Alert System (EAS).

ESF 15 Staff will demonstrate its TTY capability through interviews. TTY service is provided by a relay service provider.

EPZ EOCs: Actual distribution and ingestion of KI will not occur. Empty KI containers (small zip-lock bags) will be included in the dosimetry packets for emergency workers. As part of the demonstration by the RADEF Officer or individual charged by the facility to implement a KI Plan for the facility, the FEMA Evaluator will be briefed as if they were the recipient of the KI. The Evaluator will check the availability of adequate quantities, storage, and means of KI distribution, and include forms and equipment to be used. Inventory is also maintained at RadHealth and RIMC.

Special facilities and personnel with functional access needs. EPZ EOCs: Calls will be simulated from local EOCs to special facilities and/or persons with disabilities or access/functional needs within their jurisdiction. The information is confidential and copies will not be provided to the Evaluator. Local Transportation Staging Areas (LTSA) procedures will be evaluated through interview.

Estimates on transportation needs will be made based upon enrollment or capacity figures on file and/or individuals who have self-identified transportation needs. ESF#1 will simulate a call to the STSA at request of Unified Command at the SEOC to arrange for transportation assets. Requests may also come through Local Liaisons at the IFO. No vehicles will be mobilized. A WebEOC board will be available to track transportation assets. The STSA will be evaluated out-of-sequence.

STSA: Will be evaluated out sequence.

Local special facilities will be interviewed out-of-sequence where transportation arrangements will be discussed with the FEMA Evaluator.

Calls to schools outside of the EPZ will be simulated and logged. Contact will be made through the EOCs. EPZ EOCs: Initial notification will be simulated to all schools, health care facilities, and day care centers. Long-term care facilities' administrators will make decisions for their residents after notification based upon health and safety considerations of their patients. Most schools and day cares have indicated an early release process to preempt evacuation decision making.

EPZ Schools/Day Care Providers: Participating schools, day care providers, and long-term healthcare facilities in the EPZ communities will be contacted out of sequence by a FEMA Evaluator, who will interview key staff regarding their response plan.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

EVALUATION AREA 2: Exposure Control

Capability Target 2.1: Emergency Worker Exposure Control Decision-Making Process

A decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers (EW) and includes the use of radioprotective drugs (i.e KI) and procedures to authorize emergency exposures in excess of the PAGs.

Intent: *The capability to assess and control the radiation exposure and dose received by emergency workers and utilize a decision-making chain to authorize emergency worker exposure limits to be exceeded for specific missions.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, K.2, K.2.b, K.3, K.3.a, M.1.b, M.8, and O.1)

Core Capabilities: *Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning*

New Hampshire Extent of Play

SEOC, EOF: PADs are demonstrated at the SEOC by the Unified Command (HSEM, RadHealth) based upon information provided from the EOF. Dose Assessment staff located at the EOF will analyze utility, Field Team and meteorological data provided at the EOF to make a recommendation to the SEOC for their consideration in making the protective action decisions.

Radiological briefings will be provided to address exposure limits, procedures to replace those personnel approaching exposure limits and how permission to exceed limits is obtained. Emergency workers will



also be briefed on when to take KI. Distribution of KI to emergency workers will be simulated. RadHealth will authorize use of KI for emergency workers when radiological conditions warrant its use.

The process for authorizing emergency workers to exceed dose thresholds will be demonstrated by EOF, IFO, and SEOC personnel through interviews (conference call with EMD, RSO, RHTA, Local Liaison, DPHS Director, and FEMA Evaluator at IFO) initiated by an inject to 1 EPZ EOC (Hampton Falls).

RCDC: RCDC personnel will not be evaluated on this capability target.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re- demonstrate the activity that same day.

Capability Target 2.2: Emergency Worker Exposure Control Management

Emergency workers manage radiological exposure and dose in accordance with the plans/procedures.

Intent: *The capability of emergency workers to manage dose and exposure, use equipment (e.g., dosimetry, radio protective drugs), and identify procedures to monitor their exposure and dose, including following procedures to obtain authorization to receive emergency exposures in excess of the PAGs.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, H.11.b, K.2.b, K.3, K.3.a, M.1.b, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

New Hampshire Extent of Play

EPZ EOCs: Dosimetry packets will be issued to a minimum of two individuals who will be working inside each EPZ EOC by the local RADEF Officer. Actual distribution and ingestion of KI will not occur. Knowledge of the use of dosimetry through the Plume Phase and New Hampshire policies on dosimetry will be demonstrated through an interview with the FEMA Evaluator and only with individuals issued dosimetry. Inventories of DRDs (SRD), PRDs (TLDs), and KI will be provided to the FEMA Evaluator upon request. Calibration and Testing results are provided by Radiological Instrumentation, Maintenance, and Calibration shop (RIMC).

RCDC: personnel will not be evaluated on this capability target.

No incident specific dosimetry correction factor will be calculated or demonstrated in this exercise.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re- demonstrate the activity that same day.



EVALUATION AREA 3: Alert and Notification

Capability Target 3.1: Communications

Communication processes, systems, and equipment are sufficient to support emergency operations.

Intent: *The capability to provide and maintain reliable communications with emergency personnel.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.1.a, E.3, F.1, F.1.a, F.1.b, F.1.c, F.3, and O.1)

Core Capabilities: *Operational Communications; Operational Coordination; Situational Awareness; Planning*

New Hampshire Extent of Play

SEOC: Actions to demonstrate performance of initial notification of the public will be performed up to the point of actual transmission of the Emergency Alert System (EAS) message. The EAS message will be prepared by the PIO in the SEOC and transmitted/encoded by ESF#2. The State Primary EAS Station will be simulated via Simcell. The Simcell will be notified that future activations of the EAS will be handled out of the SEOC. Actual activation of the EAS will be simulated by SEOC staff.

RCDC: Rockingham County Dispatch will demonstrate the actions necessary to perform the siren activation up to the point of actually sounding the sirens. Siren sounding will be simulated.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

Capability Target 3.2: Alert and Notification of the Public

Alert and notification of the public is completed in a timely manner.

Intent: *The capability to provide instructions to the public.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, F.3, and O.1)

Core Capabilities: *Public Information and Warning; Planning*

New Hampshire Extent of Play

Actions to demonstrate performance of initial notification of the public will be performed up to the point of actual transmission of the Emergency Alert System (EAS) message. The EAS message will be prepared by the PIO in the SEOC and transmitted/encoded by ESF#2. The State Primary EAS Station will be simulated via Simcell. The Simcell will be notified that future activations of the EAS will be handled out of the SEOC. Actual activation of the EAS will be simulated by SEOC staff.



Back up alert and notification capabilities will be covered through an interview with the FEMA Evaluator by ESF#2 in the SEOC. No actual notification on the backup system will be conducted.

RCDC: Rockingham County Dispatch will demonstrate the actions necessary to perform the siren activation up to the point of actually sounding the sirens. Siren sounding will be simulated.

EPZ EOCs: One EPZ community (South Hampton) will be provided an inject that requires the alteration of an evacuation route. This information will be provided to the public through our EPI process.

Capability Target 3.3: Emergency Information and Instructions for the Public and News

Accurate emergency information and instructions are provided to the public and the news media in a timely manner.

***Intent:** The capability to disseminate emergency information and instructions to the public during all phases of an incident.*

***Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, G.1, G.2, G.3, G.3.a, G.4, G.5, and O.1)*

***Core Capabilities:** Public Information and Warning; Planning*

New Hampshire Extent of Play

Actions to demonstrate performance of initial notification of the public will be performed up to the point of actual transmission of the Emergency Alert System (EAS) message. The EAS message will be prepared by the PIO in the SEOC and transmitted/encoded by ESF#2. The State Primary EAS Station will be contacted only once and notified that activations of the EAS will be handled out of the SEOC. Actual activation of the EAS will be simulated by SEOC staff.

Joint Information Center: Rumors and trends generated as a result of public inquiry calls to the Public Information Line will be included in news briefings by the PIO. A NH JIC may be opened and coordinated at the SEOC. This JIC will be connected to and directly communicate with the NPP's JIC and partner States through electronic means. (If the NPP's JIC is inaccessible to some individuals.)

SEOC: Simcell personnel will make calls simulating members of the public to the Public Information Line. This process will commence after the initial siren activation. Information on rumor trends recognized at the Public Information Line will be forwarded to the PIO at the SEOC.

Public Information Center: Staff assigned to the Public Inquiry Office will demonstrate the ability to handle inquiry calls. Handling at least 2 rumor trends will be demonstrated via 3 inject phone calls by the Simcell to the PI line .

EPZ EOCs: Simcell personnel will make at least 1 call to the EOCs simulating members of the public with inquiries. Simcell personnel will also make one phone call to each EOC simulating a member of the media with inquiries Each EOC will demonstrate the ability to properly handle these inquiries.

Subsequent emergency information and instructions should be provided to the public and the media in a timely manner. This will NOT be subject to specific time requirements.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on the spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

EVALUATION AREA 4: Detect, Measure, Sample, Analyze, and Assess

Capability Target 4.1: Field Monitoring Teams Management

FMTs are managed to obtain information to help characterize the release, locate and track the airborne radiological plume, and control contamination.

Intent: The capability to provide overall management of FMTs to direct movements and measurements to characterize the plume and its impacts.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.11, H.13, I.5, I.6, I.9, I.10, M.7, M.8, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

New Hampshire Extent of Play

Field Monitoring Teams (FMT) are managed by the Monitoring Team Coordinator (MTC) located at the Epping Safety Complex.

Teams will report to 29 Hazen Drive in Concord at 0700 on April 3, 2024. Here, they will pick up their instrument kits, perform the procedural pre-deployment activities, and receive their initial pre-deployment briefing from DPHS Radiological Health section staff. After performing communications checks, the 2 teams will deploy to their staging area at the Epping Safety Complex (37 Pleasant St., Epping, NH, 03042) and await direction from the MTC.

Each FMT will collect and record ambient radiation measurement using CBRN Responder, and each team will take an air sample. Field monitoring personnel will package air sample media, and complete sample control and chain of custody documentation. Actual transport of samples to the DPHS Public Health Laboratory will be simulated. Controller injects will be specifically prepared to allow FMTs to meet evaluation criteria.

Equipment checks, PPE, and pre-deployment briefing will not be observed by a FEMA representative for the 2 Field Monitoring Teams the day prior. These were evaluated and demonstrated satisfactorily during CFE 2.

Charcoal filter cartridges may simulate use of silver zeolite filter media. Simulated cartridges will be prepared for transportation to the lab for analysis. Field data may be provided directly by the teams or by Controllers to DPHS Accident Assessment to facilitate the accident assessment process during the exercise



Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

Capability Target 4.2: Plume Phase Measurements and Sampling

FMTs make, record, and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected.

Intent: *The capability to make and report measurements of ambient radiation.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.9, H.11, H.11.a, H.11.b, H.12, H.13, I.2, I.5, I.6, I.7, I.8, I.9, I.10, and O.1)

Core Capabilities: *Environmental Response/Health and Safety; Planning*

New Hampshire Extent of Play

The MTC will dispatch and direct 2 teams to pre-established monitoring points in a simulated plume search, as dictated by scenario play.

Each FMT will collect ambient radiation measurements and an air sample. Field monitoring personnel will package air sample media, and complete sample control and chain of custody documents for simulated transfer to the lab for analysis. Controller injects will be specifically prepared, as appropriate, to allow Field Teams to meet evaluation criteria.

PPE usage for FMTs will be simulated during the exercise.

Equipment checks, PPE, and pre-deployment briefing will not be observed by a FEMA representative for the 2 FMTs the day prior. These were evaluated and demonstrated satisfactorily during CFE 2.

Iodine sample analyzation will be evaluated out of sequence during radiological lab evaluations.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

Capability Target 4.5: Plume Phase Analysis and Dose Assessment

Dose assessment considers all available information including plant conditions, environmental conditions, field monitoring data, sample analysis results, and dose projection calculations.

Intent: *The capability to collect data, project doses to members of the public and emergency workers, and analyze and communicate the results.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.3, H.13, I.6, I.8, I.10, K.3, and O.1)



Core Capabilities: Environmental Response/Health and Safety; Planning

New Hampshire Extent of Play

EOF: The Radiological Health Technical Advisor will provide the SEOC decision makers with PARs developed by DPHS Accident Assessment. These PARs will reference projected doses against the EPA PAGs utilizing software that incorporates plant and meteorological data. PARs may also be potentially based discussions with the licensee and neighboring State, plant status, weather forecasts, and other pertinent information. PAR development is in accordance with applicable plans and procedures.

No Incident Specific dosimetry correction factor will be calculated or demonstrated in this exercise.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re- demonstrate the activity that same day.

EVALUATION AREA 5: Operate

Capability Target 5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees

Facilities, equipment, and procedures are in place and utilized to provide monitoring, decontamination, temporary shelter, congregate care, and registration of evacuees.

Intent: The capability to implement radiological monitoring and decontamination of evacuees, and to identify, register, provide congregate care for evacuees at reception centers.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (J.11.d, J.13, K.4, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Mass Care; Planning

New Hampshire Extent of Play

Host EOCs: Reception Centers at Manchester Memorial High School, Dover Middle School, and Rochester Middle School Reception Centers will be set up as reception, monitoring, and decontamination facilities with capabilities demonstrated out-of-sequence. This capability was demonstrated in evaluated exercises at Dover on May 16, 2023 and October 12, 2022 in Rochester. This capability will be redemonstrated in future OOS evaluated events.

SEOC: Congregate Care capability will be evaluated by question and answers with ESF 8 representatives within the SEOC.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re- demonstrate the activity that same day.

Capability Target 5.2: Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles

Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles.

Intent: *The capability to implement radiological monitoring and decontamination of emergency workers, equipment, and vehicles.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (K.4 and O.1)

Core Capabilities: *Operational Coordination; Environmental Response/Health and Safety; Planning*

New Hampshire Extent of Play

Monitoring (screening) stations will be set up and demonstrated at the EPZ EOCs. 2 individuals representing emergency workers will go through monitoring with controller injects establishing the number of individuals presenting themselves as contaminated and simulating proceeding to a reception center for secondary monitoring and decontamination. No decon will be conducted at the local EPZs where the purpose of the screening is to prevent contamination of the local EPZ and to identify contaminated workers. During these activities, monitoring and instruments, record keeping, and routing will be demonstrated appropriately.

Monitoring and Decontamination Stations will be set up and demonstrated at the Reception Centers, out-of-sequence, in the same manner as described with capability target 5.1.

RCDC personnel will not be evaluated on this capability target.

Note: *If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.*

Capability Target 5.3: Transportation and Treatment of Contaminated, Injured Individuals

Transport contaminated, injured individuals to medical facilities with the capability to monitor and decontaminate.

Intent: *The capability to provide medical transport and treatment services to contaminated, injured individuals.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.d, F.2, H.11, H.12, J.2, K.3, K.4, L.1, L.3, L.4, and O.1)

Core Capabilities: *Environmental Response/Health and Safety; Public Health, Healthcare, Emergency Medical Services; Planning*



New Hampshire Extent of Play

This capability target was demonstrated out of sequence at Wentworth-Douglass Hospital in Dover on April 11, 2023, and will be redemonstrated in future OOS evaluations.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.

Capability Target 5.4: Traffic and Access Control

Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff.

Intent: *The capability to select, establish, and staff traffic and access control points and removing impediments to the flow of evacuation traffic.*

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.12, J.8, J.8.b, J.10, J.10.a, J.11.c, J.11.e, J.11.f, J.14.d, J.14.e, M.1.b, and O.1)

Core Capabilities: *Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment*

New Hampshire Extent of Play

EPZ EOCs: EPZ EOCs will demonstrate the ability to direct and monitor traffic control operations within their jurisdictions through discussions and communications with the Evaluator. At the EOCs, public works representative and the local police representative will participate in a discussion of procedures and resources available for traffic control. No personnel or equipment will be deployed to field locations. Each EPZ EOC will discuss impediment strategies through interview with Evaluators/Controllers. ESFs #1 and #13: The traffic and access control personnel will not be deployed.

16 of 17 EPZ EOCs will demonstrate decision-making regarding rerouting of traffic following a traffic impediment through discussions and communications with the FEMA evaluator. The implementation of an alternate evacuation route for the scenario event will be demonstrated through inject to 1 EPZ EOC (South Hampton). No personnel or equipment will be dispatched to the impediment. If the scenario does not lead to evacuation, the criteria shall be deemed complete if the ORO can describe to the evaluator the actions they would take to overcome a major traffic impediment during an evacuation and how such actions would be communicated to the public and affected OROs.

Note: If during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the-spot re-training by the State or local organization, the FEMA Evaluator will provide the participant another opportunity to re-demonstrate the activity that same day.





Annie Ropeik/NHPR / Aerial Support By Lighthawk

Seabrook Station Exercise

Massachusetts Emergency Management Agency
(MEMA)

Extent of Play

Rev.3 2023-2024

3/15/24

APPENDIX C: EXTENT OF PLAY

NOTE: If during the exercise a participant demonstrates a capability target unsatisfactorily, the FEMA Evaluator will inform the participant and the Controller. After an on-the spot re-training by the state or local organization, the FEMA Evaluator will provide the participant another opportunity to redemonstrate the activity. This is applicable to all Objectives.

Objective 1: Emergency Operations Management

1.1 Capability Target – Mobilization

Individuals with roles in support of emergency operations are identified, alerted, and mobilized in a timely manner.

Intent: The capability to alert, notify, and mobilize OROs to staff facilities in support of emergency operations.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.3, A.4, A.5, C.1, C.2, C.2.a, C.2.b, C.3, E.1, E.1.a, E.3, F.1.c, H.6, and O.1)

Core Capabilities: Operational Coordination; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Responsible OROs must demonstrate the capability to receive notification of an incident from the licensee; verify the notification, contact, alert, and mobilize key emergency personnel in a timely manner and demonstrate the ability to maintain and staff 24-hour operations. 24-hour operations can be demonstrated during the exercise via rosters or shift changes or otherwise in an actual activation. Local and/or Tribal responders must demonstrate the ability to receive and/or initiate notification to the licensees or other respective emergency management organizations of an incident in a timely manner when they receive information from the licensee or alternate sources.

Responsible OROs must demonstrate the activation of facilities for immediate use by mobilized personnel upon their arrival. Activation of facilities and staff, including those associated with the ICS, must be completed in accordance with ORO plans/procedures. The location and contact information for facilities included in the incident command must be available to all appropriate responding agencies and the NPP after these facilities have been activated.

Pre-locating of emergency personnel is appropriate, in accordance with the Extent-of-Play Agreement, at those facilities located beyond a normal commuting distance from the individuals duty location or residence. This includes the staggered release of resources from an assembly area. Additionally, pre-locating of staff for out-of-sequence demonstrations may be used in accordance with the Extent-of-Play Agreement.



The Radiological Emergency Preparedness (REP) program does not evaluate Incident Command Post tactical operations (e.g., Law Enforcement hostile action suppressions techniques), only coordination among the incident command, the utility, and all appropriate OROs, pursuant to plans/procedures.

Initial law enforcement, fire service, HAZMAT, and emergency medical response to the Nuclear Power Plant (NPP) site may impact the ability to staff REP functions. The ability to identify and request additional resources or identify compensatory measures must be demonstrated. Exercises must also address the role of mutual aid in the incident, as appropriate. An integral part of the response to an HAB scenario at an NPP may also be within the auspices of the Federal Government (e.g., FBI, NRC, or DHS). Protocols for requesting Federal, State, local, and Tribal law enforcement support must be demonstrated, as appropriate. Any resources must be on the ORO's mobilization list so they can be contacted during an incident, if needed.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

State EOC—Massachusetts Emergency Management (MEMA) SEOC emergency staff, including the Emergency Support Function (ESF) Team staff (Massachusetts Department of Public Health (MDPH), Massachusetts Department of Transportation (MassDOT), Massachusetts Department of Mental Health (MDMH), Massachusetts State Police (MSP), Massachusetts Army National Guard (MANG), and American Red Cross (ARC), the State Public Information Line (Mass 211) staff, the Federal Emergency Management Agency (FEMA), and the Seabrook Nuclear Power Station Liaison will be pre-positioned at TBD in the SEOC cafeteria, and upon notification, will report to the EOC, using a ten-minute per hour travel time. The notification process will be completed and call down rosters will be shown to the FEMA Evaluator.

The MASS 211 Call Center will be activated for an event at Seabrook Station.

Region I EOC—MEMA Region I EOC staff and emergency volunteer staff will pre-located at TBD outside the Region I EOC, and upon notification, will report to the Region I EOC, using a ten-minute per hour travel time (note: MEMA Region I staff who report prior to TBD will report at their normal reporting time). The notification process will be completed and call down rosters will be shown to the FEMA Evaluator.

Emergency Operations Facility (EOF)—MEMA and MDPH personnel will be pre-located in the area of the EOF, using a ten minute per hour travel time.

Joint Information Center (JIC)—MEMA personnel will be pre-located in the area of the JIC, using a ten minute per hour travel time.

NIAT Field Monitoring Team Personnel—Field Team personnel will be pre-located in the area of the MEMA Region 1 Office, Tewksbury, MA. Upon notification, the Field Team will report to the Region 1 Office (muster location to pick up equipment and then dispatching into field via EOF instructions), using a ten-minute per hour travel time.

Local EOCs—Local EOC emergency response staff will be pre-positioned at TBD outside the local EOC and upon notification, will report to the EOC, using a ten-minute per hour travel time.



Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

1.2 Capability target – Direction and Control

Individuals in leadership roles provide direction and control to the portion of the overall response effort for which they are responsible.

Intent: The capability to provide overall direction and control of response efforts, commensurate with the responsibilities of leadership, as detailed in plans/procedures.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.1, A.1.a, A.1.b, A.1.c, A.2, A.3, A.5, C.2, C.2.a, C.2.b, C.3, D.4, E.1, H.6, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Public Information and Warning; Mass Care Services; Public Health, Healthcare, and Emergency Medical Services; Situational Assessment; Critical Transportation; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Leadership personnel must demonstrate the ability to carry out the essential management functions of the response effort (e.g., keeping staff informed through periodic briefings and/or other means, coordinating with other OROs, and ensuring completion of requirements and requests.) Leadership must demonstrate the ability to prioritize resource tasking and replace/supplement resources (e.g., through MOUs or other agreements) when faced with competing demands for finite resources. Any resources identified through LOA/MOUs must be on the ORO’s mobilization list so they may be contacted during an incident if needed.

All activities must be based on the ORO’s plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

If a community is directed to evacuate, EOC personnel will demonstrate continuity of government through a discussion of logistics with the FEMA Evaluator. Closing of the local EOC and relocation will be simulated.



Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

1.3 Capability Target – Protective Action Recommendations

Appropriate PARs are selected based on available information and other factors.

Intent: The capability to use dose assessment and field data, compare this data to the PAGs, and choose among a range of protective actions those most appropriate in a given emergency.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (D.4, J.7, J.8, J.8.b, J.9, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Extent of Play

Assessment of this Demonstration Criterion must be accomplished concurrently with a licensee exercise and may be demonstrated in biennial or tabletop exercise.

The State Emergency Operations Center decision makers will receive dose assessments and field data from the Field Monitoring Team coordinator at the Emergency Operations Facility (EOF). They will utilize this information in addition to the Protective Action Guide (PAG) to determine appropriate Precautionary or Protective action recommendations.

All activities must be based on the ORO’s plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.
exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



1.4 Capability Target – Protective Action Decisions for the Plume Phase

Appropriate PADs are based on available information for the plume phase.

Intent: The capability to utilize appropriate factors and necessary coordination in the decision-making process used to make PADs for the public.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (D.1.b, D.4, J.6, J.7, J.8, J.8.b, J.10, J.10.a, J.10.b, J.11.c-g, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Critical Transportation; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time

Extent of Play

During the initial stage of the emergency response, following notification of plant conditions that may warrant offsite protective actions, the ORO must demonstrate the capability to use appropriate means, described in the plans/procedures, to develop PARs for decision-makers based on available information and recommendations provided by the licensee, as well as field monitoring data, if available. The ORO must also consider any release and meteorological data provided by the licensee.

The ORO must demonstrate a reliable capability to independently validate dose projections. The types of calculations to be demonstrated depend on the data available and the need for assessments to support the PARs must be appropriate to the scenario. In all cases, calculation of projected dose must be demonstrated. Projected doses must be related to quantities and units of the PAG to which they will be compared. PARs must be promptly transmitted to decision-makers in a pre-arranged format.

When the licensee and ORO projected doses differ by more than a factor of 10, the ORO and licensee must determine the source of the difference by discussing input data and assumptions, using different models, or exploring possible reasons. Resolution of these differences must be incorporated into the PARs if timely and appropriate. The ORO must demonstrate the capability to use any additional data to refine projected doses and exposure rates and revise the associated PARs.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an "on the spot" training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



1.5 Capability Target – Protective Action Decisions for the Plume Phase

Implement decisions for those populations and areas subject to plume phase protective actions.

Intent: The capability to implement precautionary protective action and/or PADs, including evacuation and/or sheltering, for all populations within the plume and ingestion exposure pathway EPZs. The populations include those with disabilities and other access and functional needs, students, and institutionalized individuals.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.4, C.2.a, G.1, J.11, J.11.a, J.11.b, J.11.c, J.11.e, J.11.f, J.11.g, and O.1)

Core Capabilities: Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning; Protective Response

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time

Extent of Play

The Public information officer and the members of the Joint Information Center (JIC) will demonstrate their procedures for notifying the public of Precautionary and Protective recommendations. Communications will include plant status, recommendations, and the location of the reception center.

The Local Emergency Operations Centers (LEOC) will demonstrate their procedures for implementing the recommendations received from the SEOC decision makers.

Special Facility contacts will be simulated. Persons with access and functional needs contacts will be simulated. The list of these residents in each community will be identified but not unsealed.

Steps for identifying transportation needs will be completed by the Transportation Coordinator. The State Transportation Staging Area is evaluated out of sequence, and will not be activated during this exercise.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



OBJECTIVE 2: Exposure Control

2.1 Capability Target – Emergency Worker Exposure Control Decision-Making Process

A decision-making process involving consideration of appropriate factors and necessary coordination is used to ensure that an exposure control system is in place for emergency workers and includes the use of radioprotective drugs and procedures to authorize emergency exposures in excess of the PAGs.

Intent: The capability to assess and control the radiation exposure and dose received by emergency workers and utilize a decision-making chain to authorize emergency worker exposure limits to be exceeded for specific missions.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, K.2, K.2.b, K.3, K.3.a, M.1.b, M.8, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Situational Assessment; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

OROs authorized to send emergency workers into the plume exposure pathway EPZ must demonstrate a capability to comply with emergency worker exposure limits based on their emergency plans/procedures.

Participating OROs must also demonstrate the capability to make decisions concerning authorization of exposure levels in excess of pre-authorized levels and the number of emergency workers receiving radiation doses above pre-authorized levels. This would include providing KI and dosimetry in a timely manner to emergency workers dispatched onsite to support plant incident assessment and mitigating actions, in accordance with respective plans/procedures.

As appropriate, OROs must demonstrate the capability to make decisions on the distribution and administration of KI as a protective measure for emergency workers, based on their plans/procedures or projected thyroid dose compared with the established PAGs for KI administration.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

Protective action decisions are demonstrated at the Massachusetts State EOC based upon information provided from the EOF and Field Monitoring Teams.



MDPH Radiation Control Program EOF staff will analyze utility, field team and meteorological data provided at the EOF to make a recommendation to the State EOC for their consideration in making protective action decisions.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

2.2 Capability Target – Emergency Worker Exposure Control Management

Emergency workers manage radiological exposure and dose in accordance with the plans/procedures.

Intent: The capability of emergency workers to manage dose and exposure, use equipment (e.g., dosimetry, radio protective drugs), and identify procedures to monitor their exposure and dose, including following procedures to obtain authorization to receive emergency exposures in excess of the PAGs.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (C.2.c, H.11, H.11.b, K.2.b, K.3, K.3.a, M.1.b, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

A particular facility's equipment and supplies must be sufficient and consistent with that facility's assigned role in the ORO's emergency operations plans. Use of maps and other displays is encouraged. For non-facility-based operations, the equipment and supplies must be sufficient and consistent with the assigned operational role. At locations where traffic and access control personnel are deployed, appropriate equipment (e.g., vehicles, barriers, traffic cones, and signs) must be available, or their availability described.

Specific equipment and supplies that must be demonstrated under this criterion include KI inventories, dosimetry, and monitoring equipment, as follows:

KI: Responsible OROs must demonstrate the capability to maintain inventories of KI sufficient for use by: (1) emergency workers; (2) institutionalized individuals, as indicated in capacity lists for facilities; and (3) where stipulated by the plans/procedures, members of the general public (including transients) within the plume pathway EPZ. In addition, OROs must demonstrate provisions to make



KI available to specialized response teams (e.g., civil support team, Special Weapons and Tactics Teams, urban search and rescue, bomb squads, HAZMAT, or other ancillary groups) as identified in plans/procedures. The plans/procedures must include the forms to be used for documenting emergency worker ingestion of KI, as well as a mechanism for identifying emergency workers that have declined KI in advance. Consider carefully the placement of emergency workers that have declined KI in advance.

ORO quantities of dosimetry and KI available and storage locations(s) will be confirmed by physical inspection at the storage location(s) or through documentation of current inventory submitted during the exercise, provided in the ALC submission, and/or verified during an SAV. Available supplies of KI must be within the expiration date indicated on KI bottles or blister packs. As an alternative, the ORO may produce a letter from a certified private or state laboratory indicating that the KI supply remains potent, in accordance with U.S. Pharmacopoeia standards.

Dosimetry: Sufficient quantities of appropriate direct-reading and permanent record dosimetry and dosimeter chargers must be available for issuance to all emergency workers who will be dispatched to perform an ORO mission. In addition, OROs must demonstrate provisions to make dosimetry available to specialized response teams (e.g., civil support team, Special Weapons and Tactics Teams, urban search and rescue, bomb squads, HAZMAT, or other ancillary groups) as identified in plans/procedures.

Appropriate direct-reading dosimetry must allow an individual(s) to read the administrative reporting limits and maximum exposure limits contained in the ORO's plans/procedures.

Direct-reading dosimeters must be zeroed or operationally checked prior to issuance. The dosimeters must be inspected for electrical leakage at least annually and replaced when necessary. Civil Defense Victoreen Model 138s (CD V-138s) (0-200 mR), due to their documented history of electrical leakage problems, must be inspected for electrical leakage at least quarterly and replaced when necessary. This leakage testing will be verified during the exercise, through documentation submitted in the ALC and/or through an SAV. Operational checks and testing of electronic dosimeters must be in accordance with the manufacturer's instructions and be verified during the exercise, through documentation submitted in the ALC and/or through an SAV.

Monitoring Instruments: All instruments must be inspected, inventoried, and operationally checked before each use. Instruments must be calibrated in accordance with the manufacturer's recommendations. Unmodified CDV-700 series instruments and other instruments without a manufacturer's recommendation must be calibrated annually. Modified CDV-700 instruments must be calibrated in accordance with the recommendation of the modification manufacturer. A label indicating such calibration must be on each instrument or calibrated frequency can be verified by other means. In addition, instruments being used to measure activity must have a sticker-affixed to their sides indicating the effective range of the readings. The range of readings documentation specifies the acceptable range of readings that the meter should indicate when it is response-checked using a standard test source.

For FMTs, the instruments must be capable of measuring gamma exposure rates and detecting beta radiation. These instruments must be capable of measuring a range of activity and exposure, including radiological protection/exposure control of team members and detection of activity on air sample collection media, consistent with the intended use of the instrument and the ORO's plans/procedures. An appropriate radioactive check source must be used to verify proper operational response for each low-range radiation measurement instrument (less than 1R/hr) and for high-range instruments when available. If a source is not available for a high-range instrument, a



procedure must exist to operationally test the instrument before entering an area where only a high-range instrument can make useful readings.

In areas where portal monitors are used, the OROs must set up and operationally check the monitor(s). The monitor(s) must conform to the standards set forth in the Contamination Monitoring Standard for a Portal Monitor Used for Emergency Response, FEMA-REP-21 (March 1995) or in accordance with the manufacturer's recommendations.

Mutual Aid Resources: If the incoming resources arrive with their own equipment (i.e., monitors and/or dosimetry), they will be evaluated by REP Program Standards. FEMA will not inventory equipment that is not part of the REP Program. If an agency has a defined role in the REP Plan, they are subject to the planning process and standards, as well as the guidance of this manual. All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Massachusetts Extent of Play

Participating facilities will demonstrate that equipment, maps, displays, dosimetry, KI and other supplies are adequate and sufficient to support the emergency response. FEMA will provide copies of the Annual Letter of Certification to evaluators as documentation of quarterly inventory and operational checks.

EPZ EOCs: Dosimetry packets will be issued to two emergency workers in each EPZ EOC and a briefing will be conducted. Actual distribution and ingestion of KI will not occur. Empty KI tablet containers (small zip-lock bags) will be included in the dosimetry packets for emergency workers. Knowledge of the use of dosimetry and KI will be demonstrated through an interview of these two individuals by the FEMA Evaluator.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an "on the spot" training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



Objective 3: Alert and Notifications

3.1 Capability Target – Communication

Communication processes, systems, and equipment are sufficient to support emergency operations.

Intent: The capability to provide and maintain reliable communications with emergency personnel.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.1.a, E.3, F.1, F.1.a, F.1.b, F.1.c, F.3, and O.1)

Core Capabilities: Operational Communications; Operational Coordination; Situational Assessment; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

OROs must demonstrate that a primary system and at least one backup system are fully functional at all times. Communications systems are maintained and tested on a recurring basis throughout the assessment period and system status is available to all operators. Periodic test results and corrective actions are maintained on a real time basis. If a communications system or systems are not functional, but exercise performance is not affected, no exercise issue will be assessed. Communications equipment and procedures for facilities and field units are used as needed for transmission and receipt of exercise messages. All facilities, FMTs, and incident command must have the capability to access at least one communication system that is independent of the commercial telephone system. Responsible OROs must demonstrate the capability to manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations. OROs must ensure that a coordinated communication link for fixed and mobile medical support facilities exists. Exercise scenarios may require the failure of a communication system and use of an alternate system, as negotiated in the Extent-of-Play Agreement.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

Procedures to demonstrate performance of initial notification of the public will be performed up to the point of actual transmission of the Emergency Alert System (EAS) message. Messages will be prepared by the Public Information Officer.



Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

3.2 Capability Target – Alert and Notification of the Public

Alert and notification of the public is completed in a timely manner.

Intent: The capability to provide instructions to the public.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, F.3, and O.1)

Core Capabilities: Public Information and Warning; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Responsible OROs must demonstrate the capability to sequentially provide an alert signal followed by an initial instructional message to populated areas (permanent resident and transient) throughout the 10-mile plume exposure pathway EPZ. Following the decision to activate the alert and notification system, OROs must complete system activation for primary alert/notification and disseminate the information/instructions in a timely manner. For exercise purposes, timely is defined as “with a sense of urgency and without undue delay.” If message dissemination is identified as not having been accomplished in a timely manner, the evaluator(s) will document a specific delay or cause as to why a message was not considered timely.

Procedures to broadcast the message must be fully demonstrated as they would in an actual emergency up to the point of transmission. Broadcast of the message(s) or test message(s) is not required. The procedures must be demonstrated up to the point of actual activation. The alert signal activation should be simulated, not performed. Evaluations of EAS broadcast stations may also be accomplished through SAVs.

The capability of the primary notification system to broadcast an instructional message on a 24-hour basis must be verified during an interview with appropriate personnel from the primary notification system, including verification of provisions for backup power or an alternate station.

The initial message must include at a minimum the following elements:

- ☐ Identification of the ORO responsible and the official with authority for providing the alert signal and instructional message;
- ☐ Identification of the commercial NPP and a statement that an emergency exists there;



☐ Reference to REP-specific emergency information (e.g., brochures, calendars, and/or information in telephone books) for use by the general public during an emergency; and

☐ A closing statement asking that the affected and potentially affected population stay tuned for additional information, or that the population tune to another station for additional information. If route alerting is demonstrated as a primary method of alert and notification, it must be done in accordance with the ORO's plans/procedures and the Extent-of-Play Agreement. OROs must demonstrate the capability to accomplish the primary route alerting in a timely manner (not subject to specific time requirements). At least one route needs to be demonstrated and evaluated. The selected route(s) must vary from exercise to exercise. However, the most difficult route(s) must be demonstrated no less than once every eight years. All alert and notification activities along the route(s) must be simulated (i.e., the message that would actually be used is read for the evaluator, but not actually broadcast) as negotiated in the extent of play. Actual testing of the mobile public address system will be conducted at an agreed-upon location.

ORO's may demonstrate any means of primary alert and notification included in their plans/procedures as negotiated in the Extent-of-Play Agreement.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

The sounding of the sirens and broadcast of EAS/News Releases will be simulated. EAS/News Releases will be formulated and distributed by the Massachusetts State EOC. Activation of the EAS system will be coordinated with New Hampshire officials. Actions to demonstrate performance of initial notification of the public will be performed up to the point of actual transmission of the Emergency Alert System (EAS) message. The EAS message will be prepared/ encoded/issued by MEMA. EAS radio station WBZ (1030 AM) will be initially contacted and faxed a copy of a standard test message. WBZ will return the fax to the Public Affairs Officer to ensure receipt of fax. Broadcast of EAS messages/News Releases will be simulated.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an "on the spot" training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

3.3 Capability Target – Emergency Information and Instructions for the Public and News Media

Accurate emergency information and instructions are provided to the public and the news media in a timely manner.

Intent: The capability to disseminate emergency information and instructions to the public during all phases of an incident.



Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, E.4, E.5, G.1, G.2, G.3, G.3.a, G.4, G.5, J.11.f, and O.1)

Core Capabilities: Public Information and Warning; Planning; Protective Response

Assessment/Extent of Play

Assessment of this Demonstration Criterion may be accomplished during a biennial exercise, or drills.

The responsible ORO personnel/representatives must demonstrate actions to provide emergency information and instructions to the public and media in a timely manner following the initial alert and notification (not subject to specific time requirements). For exercise purposes, timely is defined as “with a sense of urgency and without undue delay.” If message dissemination is identified as not having been accomplished in a timely manner, the evaluator(s) will document a specific delay or cause as to why a message was not considered timely.

Message elements: The ORO must ensure that emergency information and instructions are consistent with PADs made by appropriate officials. The emergency information must contain all necessary and applicable instructions (e.g., evacuation instructions, evacuation routes, reception center locations, what to take when evacuating, shelter-in-place instructions, information concerning protective actions for schools and persons with disabilities and access/functional needs, and public inquiry hotline telephone number) to assist the public in carrying out the PADs provided. The ORO must also be prepared to disclose and explain the ECL of the incident. At a minimum, this information must be included in media briefings and/or media releases. OROs must demonstrate the capability to use language that is clear and understandable to the public within both the plume and ingestion exposure pathway EPZs. This includes demonstration of the capability to use familiar landmarks and boundaries to describe protective action areas.

The emergency information must be all-inclusive by including the four items specified under exercise Demonstration Criterion 5.a.1 and previously identified protective action areas that are still valid, as well as new areas. Information about any rerouting of evacuation routes due to impediments should also be included. The OROs must demonstrate the capability to ensure that emergency information that is no longer valid is rescinded and not repeated by broadcast media. In addition, the OROs must demonstrate the capability to ensure that current emergency information is repeated at pre-established intervals in accordance with the plans/procedures. OROs must demonstrate the capability to develop emergency information in a non-English language when required by the plans/procedures.

If ingestion exposure pathway measures are exercised, OROs must demonstrate that a system exists for rapid dissemination of ingestion exposure pathway information to predetermined individuals and businesses in accordance with the ORO’s plans/procedures.

Media information: OROs must demonstrate the capability to provide timely, accurate, concise, and coordinated information to the news media for subsequent dissemination to the public. This would include demonstration of the capability to conduct timely and pertinent media briefings and distribute media releases as the incident warrants. The OROs must demonstrate the capability to respond appropriately to inquiries from the news media. All information presented in media briefings and releases must be consistent with PADs and other emergency information provided to the public. Copies



of pertinent emergency information (e.g., EAS messages and media releases) and media information kits must be available for dissemination to the media.

Public inquiry: OROs must demonstrate that an effective system is in place for dealing with calls received via the public inquiry hotline. Hotline staff must demonstrate the capability to provide or obtain accurate information for callers or refer them to an appropriate information source. Information from the hotline staff, including information that corrects false or inaccurate information when trends are noted, must be included, as appropriate, in emergency information provided to the public, media briefings, and/or media releases.

Extent of Play

Joint Information Center: Information generated as a result of incoming calls to the SEOC Public Information Line/MASS 211 Call Center will be included in news briefings. At least two rumor trends will be handled.

State EOC: Control cell personnel will make calls simulating members of the public. The MASS 211 Call Center will demonstrate the ability to handle public inquiry calls. Handling at least two rumor trends (three or more calls of the same nature) will be demonstrated. Two MASS 211 public information line operators each will respond to calls once the Public Alert and Notification System has been activated at Site Area Emergency or General Emergency at the State EOC.

EPZ Towns: Control cell personnel will make calls to the local EOCs simulating members of the public. Each local EOC will demonstrate the community's emergency response and refer all other questions to MASS 211 Call Center.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an "on the spot" training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



Objective 4: Detect, Measure, Sample, Analyze, and Assess

4.1 Capability target – Field Monitoring Teams Management

FMTs are managed to obtain information to help characterize the release, locate and track the airborne radiological plume, and control contamination.

Intent: The capability to provide overall management of FMTs to direct movements and measurements to characterize the plume and its impacts.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.11, H.13, I.5, I.6, I.9, I.10, M.7, M.8, and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Responsible OROs must demonstrate the capability to brief FMTs on predicted plume location and direction, plume travel speed, and exposure control procedures before deployment. During an HAB incident, the Field Team management must keep the incident command informed of the field monitoring team's activities and location. Coordination with FMTs and field monitoring may be demonstrated as out-of-sequence demonstrations, as negotiated in the Extent-of-Play Agreement. Field measurements are needed to help characterize the release and support the adequacy of implemented protective actions, or to be a factor in modifying protective actions. Teams must be directed to take measurements at such locations and times as necessary to provide sufficient information to characterize the plume and its impacts.

If the responsibility for obtaining peak measurements in the plume has been accepted by licensee field monitoring teams, with concurrence from OROs, there is no requirement for these measurements to be repeated by ORO monitoring teams. If the licensee FMTs do not obtain peak measurements in the plume, it is the ORO's decision as to whether peak measurements are necessary to sufficiently characterize the plume. The sharing and coordination of plume measurement information among all FMTs (licensee, Federal, and ORO) is essential.

ORO's will use Federal resources as identified in the NRF Nuclear/Radiological Incident Annex and other resources (e.g., compacts or the licensee) as necessary. Evaluation of this criterion will take into consideration the level of Federal and other resources participating in the exercise.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.



Extent of Play

NIAT Field Teams are managed by the Field Team Coordinator who is located at the utility EOF. He/she will brief and in conjunction with the utility and other state agencies, dispatch two teams to sampling locations in accordance with the NIAT Handbook, Section D.4, as dictated by scenario play. NIAT Field Team personnel will prepare one sample media and the report survey results on the appropriate survey forms to the Field Team Coordinator.

4.2 Capability Target – Plume Phase Measurements and Sampling

FMTs make, record, and report measurements of ambient radiation to appropriate authorities; radioiodine and particulate samples are collected.

Intent: The capability to make and report measurements of ambient radiation.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (H.9, H.11, H.11.a, H.11.b, H.12, H.13, I.2, I.5, I.6, I.7, I.8, I.9, I.10, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Two or more FMTs must demonstrate the capability to make and report measurements of ambient radiation to the field team coordinator, dose assessment team, or other appropriate authority. FMTs must also demonstrate the capability to obtain an air sample for measurement of airborne radioiodine and particulates, and to provide the appropriate authority with field data pertaining to measurement. If samples have radioactivity significantly above background, the authority must consider the need for expedited laboratory analyses of these samples. Coordination concerning transfer of samples, including a chain-of-custody form(s), to a radiological laboratory(ies) must be demonstrated.

OROs must share data in a timely manner with all other appropriate OROs. All methodology, including contamination control, instrumentation, preparation of samples, and a chain-of-custody form(s) for transfer to a laboratory(ies), will be in accordance with the ORO's plans/procedures.

OROs will use Federal resources as identified in the NRF Nuclear/Radiological Incident Annex and other resources (e.g., compacts or the licensee) as needed. Evaluation of this criterion will take into consideration the level of Federal and other resources participating in the exercise.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.



Extent of Play

Two MA NIAT Field Teams will be dispatched from the MEMA Region 1 Office, Tewksbury, MA (10 minutes to an hour) in accordance with the NIAT Handbook. Once dispatched, only disposable gloves will be used for actual exercise play. Charcoal cartridges will be used instead of silver zeolite.

The NIAT Field Teams will collect one complete sample (monitoring and air sample) as specified by the procedures in Section D.4 of the NIAT Handbook.

Areas Requiring Corrective Action (ARCA): N/A

Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.

4.5 Capability Target – Plume Phase Analysis and Dose Assessment

Dose assessment considers all available information including plant conditions, environmental conditions, field monitoring data, sample analysis results, and dose projection calculations.

Intent: The capability to collect data, project doses to members of the public and emergency workers and analyze and communicate the results.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (A.3, H.13, I.6, I.8, I.10, K.3, and O.1)

Core Capabilities: Environmental Response/Health and Safety; Planning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

Extent of Play

The Radiological Liaison will provide the State EOC decision makers with Protective Action Recommendations (PARs) developed by DPH Accident Assessment. These PARs will reference projected doses against the EPA Protective Action Guidelines (PAGs) utilizing software that incorporates plant and meteorological data. PARs may also be potentially based discussions with the licensee and neighboring state, plant status, weather forecasts, and other pertinent information. PAR development is in accordance with applicable plans and procedures.

No Incident Specific dosimetry correction factor will be calculated or demonstrated in this exercise.



Objective 5: Operate

5.2 Capability Target – Monitoring and Decontamination of Emergency Workers, Equipment, and Vehicles

Facilities, equipment, and procedures are in place and utilized to provide monitoring and decontamination of emergency workers and their equipment and vehicles.

Intent: The capability to implement radiological monitoring and decontamination of emergency workers, equipment, and vehicles.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (K.4 and O.1)

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

5.4 Capability Target – Traffic and Access Control

Appropriate traffic and access control is established; accurate instructions are provided to traffic and access control staff.

Intent: The capability to select, establish, and staff traffic and access control points and removing impediments to the flow of evacuation traffic.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2 (E.2, G.3, H.12, J.8, J.8.b, J.10, J.10.a, J.11.c, J.11.e, J.11.f, J.14.d, J.14.e, M.1.b, and O.1)

Core Capabilities: Critical Transportation; Access Control/Identity Verification; Environmental Response/Health and Safety; On-Scene Security, Protection, and Law Enforcement; Operational Coordination; Planning; Situational Assessment; Public Information and Warning

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

OROs must demonstrate the capability to select, establish, and staff appropriate traffic and access control points consistent with current conditions and PADs (e.g., evacuating, sheltering, and relocation) in a timely manner. OROs must demonstrate the capability to provide instructions to traffic and access control staff on actions to take when modifications in protective action strategies necessitate changes in evacuation patterns or in the area(s) where access is controlled.

Traffic and access control staff must demonstrate accurate knowledge of their roles and responsibilities, including verifying emergency worker identification and access authorization to the affected areas, as per the Extent-of-Play Agreement. These capabilities may be demonstrated by actual deployment or by interview, in accordance with the Extent-of-Play Agreement.



In instances where OROs lack authority necessary to control access by certain types of traffic (e.g., rail, water, and air traffic), they must demonstrate the capability to contact the State or Federal agencies that have the needed authority, as agreed upon in the Extent-of-Play Agreement.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

EPZ EOCs: EOCs will demonstrate the ability to direct and monitor traffic control operations within their jurisdictions through discussions with the evaluator. The local EOC highway and/or Law Enforcement representative will participate in a discussion of procedures and resources available for traffic control. No personnel or equipment will be deployed to field locations.

Areas Requiring Corrective Action (ARCA): N/A

Criterion 3.d.2: Impediments to evacuation are identified and resolved. (NUREG-0654/FEMA-REP-1, J.10.k)

Assessment – Demonstration and Evaluation Guidance

Assessment of this Demonstration Capability Target may be accomplished during a biennial exercise, an actual event, out of sequence evaluation, or by means of drills conducted at any time.

ORO must demonstrate the capability to identify and take appropriate actions concerning impediments to evacuations. In demonstrating this capability, the impediment must remain in place during the evacuation long enough that re-routing of traffic is required and must also result in demonstration of decision-making and coordination with the JIC to communicate the alternate route to evacuees.

When, due to specifics of the scenario or jurisdiction, the impediment cannot be located on an evacuation route, it must be located so as to impact evacuation. When not possible, actual dispatch of resources need not to be physically demonstrated; however, all contacts, actual or simulated, must be logged.

All activities must be based on the ORO's plans/procedures and completed as they would be in an actual emergency, unless noted above or otherwise specified in the Extent-of-Play Agreement.

Extent of Play

Each EPZ Local EOC will demonstrate rerouting of traffic following a traffic impediment through an interview with the FEMA Evaluator. No personnel or equipment will be dispatched to the simulated accident scene. If an impediment is likely to cause lengthy rerouting of traffic along the evacuation route, the Newbury EOC will communicate this information to MEMA Region I in order for this information to be passed to the JIC. MA will demonstrate only one EOC (Newbury) will demonstrate the coordination with the JIC to communicate the alternate route to evacuees.

Areas Requiring Corrective Action (ARCA): N/A



Note: If, during the exercise, a participant demonstrates this capability target unsatisfactorily, the FEMA Evaluator will inform the MEMA Controller. After an “on the spot” training by the local or State representative, the FEMA Evaluator will provide another opportunity to re-demonstrate the activity that day.



