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MEMA

Maryland Emergency Management Agency

Maryland
Quarterly Exercise & Training
Executive Summary



October - December, 2011



Maryland Quarterly Exercise and Training Report

Introduction	3
After Action Summary	3
Exercise Type, Frequency and Diversity	3
Thematic Strengths Identified Through Exercises.....	3
Thematic Gaps Identified Through Exercises.....	3
Complex Exercises.....	3
Statewide Exercises	4
Real-World After-Action Reports.....	4
Notable Exercises Q4 2011	5
Upcoming Major Exercises Q1 2012.....	8
Future Training and Exercise Initiatives.....	11



Introduction

In response to *Core Goals for a Prepared Maryland, Core Goal #7: Training and Exercises*, the following Quarterly Report provides information regarding the training and exercises conducted through the quarter. It also provides an overview of upcoming exercises representing both State and local efforts.

During the last quarter, a variety of State Agencies and local jurisdictions have assisted in the development and evaluation of exercises statewide. These included local, state, and federally-sponsored exercises.

After Action Summary

Exercise Type, Frequency and Diversity

During the past quarter nine State, local, and regional exercises have been conducted. The exercises tested the response to a diverse set of hazards including winter weather, an incident at a nuclear power plant and a hurricane. This quarter we also conducted a long term recovery focused discussion based exercise. This was the first long term recovery exercise conducted in the State. The After Action Reports (AAR's) for three of these exercises have been drafted.

Thematic Strengths Identified Through Exercises

A number of new technologies are now available to provide greater situational awareness to Maryland's emergency managers.

Thematic Gaps Identified Through Exercises

Several of the exercises this quarter showed that local jurisdictions and State agencies do not possess a clear understanding of all of the terms of contracts established with vendors to provide critical resources during a winter storm.

Complex Exercises

During this quarter, members of MEMA's Exercise & Training Branch took on the role of exercise direction, planning, facilitation, control and evaluation of the FEMA evaluated Radiological Emergency Preparedness (REP) full-scale exercise *CALVEX 2011*, the *Governor's Cabinet Winter Weather TTX*, the *Maryland SEOC Recovery Table-top Exercise (TTX)* and the *NCR Technology TTX*.



Statewide Exercises

The statewide FEMA evaluated *CALVEX 2011* full-scale exercise was conducted on October 18, 2011. This exercise was designed to test response to an incident at Calvert Cliffs Nuclear Power Plant. Participants included most of the state agencies represented in the SEOC as well as several local jurisdictions around the plant.

MEMA's Exercise team led planning and the conduct of the Governor's Cabinet Level Winter Weather TTX on November 8, 2011. The Cabinet level exercise was designed to ready all State agencies and test preparedness for Maryland's winter season.

MEMA's Exercise team led the planning for the *Maryland SEOC Recovery TTX* on December 15, 2011 that provided participants an opportunity to discuss long term recovery from a hurricane impacting Maryland.

On December 19, 2012, MEMA's Exercise team conducted a technology focused table-top exercise that allowed participants to showcase the technology currently being used by Maryland's public safety, emergency management, and transportation management agencies.

Real-World After-Action Reports

Draft After-Action Reports (AARs) for SEOC activations during the 2011 Gubernatorial Inauguration and Hurricane Irene are being reviewed by MEMA executive staff.



Notable Exercises Q4 2011

October 18, 2011

CALVEX 2011 FSE

Description: Technical malfunction at Calvert Cliffs Nuclear Power Plant

Participants: Maryland Emergency Management Agency, Maryland Department of the Environment, Calvert County Emergency Management Agency, St. Mary's County Emergency Management Agency, Dorchester County Emergency Management Agency, Constellation Energy, State Emergency Operations Center representatives.

POC: Rick Woods, CCNP, Rick.Woods@cengllc.com

After Action Review:

Leading Strength- The creation and usage of Marine Zone Maps for determining waterway restriction areas proved to be very useful and may serve as a model to other states that have similar waterway configurations.

Leading Area for Improvement - There was confusion about information received from CCNPP regarding the radioactivity release. The Nuclear Power Plant made notification that there was an "airborne radioactivity release". It was assumed by the participating State and local jurisdictions and agencies that this meant an off-site release that could affect the general public when in fact the airborne release was held within the containment area as designed and no amounts of radioactivity above technical specifications left containment.

After Action Report is in draft and currently under review

November 1, 2011

BMC Regional Disaster Debris TTX

Description: Tornados touchdown in the Greater Baltimore region

Participants: Anne Arundel County, Baltimore City, Baltimore County, Carroll County, Harford County, Baltimore Metropolitan Council, Maryland Environmental Service, Maryland Department of General Services, Maryland Department of Natural Resources, Maryland State Highway Administration, Maryland Department of the Environment, Maryland Department of Transportation, U.S. Army Corps of Engineers, Baltimore District

POC: Eileen Singleton, Baltimore Metropolitan Council, esingleton@baltometro.org



After Action Review:

Leading Strength- All of the jurisdictions within the Region have practical, hands-on experience with coordinating and managing small to medium sized debris events. Many of the jurisdictions have utilized these experiences to update and enhance their debris management plans.

Leading Area for Improvement - During the exercise, the majority of participants cited debris monitoring as an area needing improvement within their jurisdiction. Since the majority of jurisdictions will utilize contractors for debris removal, it is essential to properly monitor debris removal so that the jurisdictions can ensure that the work being performed by the debris removal contractors is within the scope of their contract. It will also help validate the work being done and that costs are eligible and properly documented for Public Assistance reimbursement.

After Action Report is in draft and currently under review

November 8, 2011

Governor's Cabinet Winter Weather TTX

Description: Winter weather event in Maryland with a major highway obstruction

Participants: Maryland Governor's Executive Council (Cabinet)

POC: Erin Valentine, MEMA, evalentine@mema.state.md.us

After Action Review:

Leading Strength- A number of new technologies are now available to provide greater situational awareness to Maryland's emergency managers.

Leading Area for Improvement - Few state agencies seem to have comprehensive checklists of tasks that need to be completed in preparation for, response to, and recovery from a winter storm event.

After Action Report is in draft and currently under review

December 15, 2011

MD SEOC Recovery TTX

Description: Category 3 hurricane comes ashore in Ocean City, Maryland and causes significant damage to a large portion of the state.

Participants: Maryland Emergency Management Agency, State Emergency Operations Center representatives

POC: Kate Hession, MEMA, khession@mema.state.md.us

After Action Review: After Action Report in development



December 18, 2011

NCR Technology TTX

Description: Showcase of technology currently being used by Maryland's public safety, emergency management, and transportation management agencies within the NCR.

Participants: Maryland Emergency Management Agency, University of Maryland (CATT Lab), State Highway Administration, Prince George's County, Governor's Office of Homeland Security, Department of Health and Mental Hygiene, Maryland State Police, Maryland Department of Transportation, Maryland Department of the Environment, Department of Information Technology, District of Columbia Homeland Security Emergency Management Agency, Towson University, Montgomery County Office of Emergency Management and Homeland Security, Washington Metropolitan Area Transit Authority, Maryland Institute for Emergency Medical Services Systems

POC: Erin Valentine, MEMA, evalentine@mema.state.md.us

After Action Review: After Action Report in development



Upcoming Major Exercises Q1 2012

Overview

The following is a list of upcoming exercises taking place in the next quarter. These exercises test the response to documented Maryland hazards such as an earthquake and an incident at a nuclear power plant. They include various agencies and jurisdictions as well as the Federal government and the private sector.

Exercise Name: Peach Bottom '12 Dress Rehearsal

Exercise Type: Full-scale Exercise

Exercise Dates: January 17, 2012

Scenario: Test of State EOC response to an incident at Peach Bottom Atomic Power Station

Sponsoring Agency: Federal Emergency Management Agency

Main Players: Maryland Emergency Management Agency, Maryland Department of the Environment, Cecil County, Harford County, State Emergency Operations Center representatives, Pennsylvania Emergency Management Agency, Federal Emergency Management Agency

MEMA's Role: Players

POC: Mark Demski, MEMA, mdemski@mema.state.md.us

Exercise Name: SEOC Functional Exercise

Exercise Type: Functional Exercise

Exercise Dates: March 7, 2012

Scenario: A 6.2 magnitude earthquake with the epicenter near Jessup, MD. The exercise will begin 2 hours after the earthquake.

Sponsoring Agency: Maryland Emergency Management Agency

Main Players: Maryland State Emergency Operations Center representatives, Local Jurisdictions to include; Anne Arundel County, Baltimore County, Carroll County, Charles County, City of Annapolis, City of Baltimore, Dorchester County, Howard



County, Ocean City, Prince George's County, St. Mary's County, Washington County, Wicomico County

MEMA's Role: Lead, Planning, Players

POC: Erin Valentine, MEMA, evalentine@mema.state.md.us

Exercise Name: Maryland Governor's Executive Council (Cabinet) Q1 Terrorism

Exercise Type: Tabletop Exercise

Exercise Dates: March 7, 2012

Scenario: Terrorist incident occurs in Maryland

Sponsoring Agency: Maryland Emergency Management Agency

Main Players: Governor's Executive Council (Cabinet)

MEMA's Role: Lead, Planning, Players

POC: Kate Hession, MEMA, khession@mema.state.md.us

Exercise Name: Forward Resolve

Exercise Type: Tabletop Exercise

Exercise Dates: March 6-7, 2012

Scenario: NCR Federal, state, and the local stakeholders in order to discuss how to coordinate an early dismissal during a catastrophic incident or event in the NCR.

Sponsoring Agency: FEMA's Office of National Capital Region Coordination (NCRC) and the Office of Personnel Management (OPM)

Main Players: NCR Federal, state, and local departments

MEMA's Role: Planning

POC: Kate Hession, MEMA, khession@mema.state.md.us

Exercise Name: Peach Bottom '12 FSE



Exercise Type: Full-scale Exercise

Exercise Dates: March 27, 2012

Scenario: Test of State EOC response to an incident at Peach Bottom Atomic Power Station

Sponsoring Agency: Federal Emergency Management Agency

Main Players: Maryland Emergency Management Agency, Maryland Department of the Environment, Cecil County, Harford County, State Emergency Operations Center representatives, Pennsylvania Emergency Management Agency, Federal Emergency Management Agency

MEMA's Role: Players

POC: Mark Demski, MEMA, mdemski@mema.state.md.us

Exercise Name: 2012 Maryland NCR MSA Mass Dispensing Exercise

Exercise Type: Full-scale Exercise

Exercise Dates: March 27-28, 2012

Scenario: Mass dispensing exercise for all NCR jurisdictions designed to demonstrate the CDC essential mass dispensing performance measures.

Sponsoring Agency: National Capital Region Jurisdictions

Main Players: Calvert County, Charles County, Frederick County, Montgomery County, Prince Georges County, Department of Health and Mental Hygiene (DHMH)

MEMA's Role: Evaluator outreach

POC: Kim Eshleman, DHMH, keshleman@dhmh.state.md.gov



Future Training and Exercise Initiatives

MEMA's Exercise & Training Branch is using the Maryland Statewide Multi-year Training and Exercise Plan (TEP) for 2012-2014, that was finalized in December, as a guide for exercises and trainings. Our goal is to follow that plan to coordinate exercises and trainings across the state.

We are continuing to look at current and future courses to build our offerings of training both here at MEMA as well as within our local jurisdictions. Since the move DHS has made to further themselves from Homeland Security Exercise & Evaluation Program training, MEMA Exercise and Training Branch continues to instruct HSEEP.

Since DHS has also reduced and in some cases, eliminated funding for ICS training, MEMA's Exercise and Training Branch has put forth guidance for ICS instruction throughout the State. ICS certificates and courses will be run and managed through MEMA's Exercise and Training Branch following guidance from our State NIMS coordinator.