

Inner Harbor Thunder

After-Action Workshop



National Nuclear Security Administration
Federal Bureau of Investigation

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Participating Agencies

Federal

- DOE Radiation Emergency Assistance Center/Training Site (REAC/TS)
- DOE/NNSA Office of Nuclear Incident Policy and Cooperation
- DOE/NNSA Office of Radiological Security
- DOE/NNSA GMS Nuclear Smuggling Detection and Deterrence
- DOE/Pacific Northwest National Organization
- DHS DNDO
- DHS FEMA/CBRN Office
- FBI – Baltimore Field Office
- FBI – Weapons of Mass Destruction Directorate
- FBI Headquarters
- FBI – Internet Crime Complaint Center (IC3)
- US Food and Drug Administration
- US Nuclear Regulatory Commission
- VA Maryland Health Care System

State/Local

- Baltimore City Fire Department
- Baltimore City Police Department
- Baltimore City Health Department
- Baltimore City Emergency Management Agency
- Maryland State Police
- Maryland Coordination and Analysis Center
- Maryland Department of the Environment, Radiological Health Program
- Maryland Department of the Environment (MDE)
- Maryland Emergency Management Agency

Other

- World Institute For Nuclear Security

Private Sector

- UMB Police Force
- University of Maryland Baltimore (UMB)
- University of Maryland Center for Health and Homeland Security (CHHS)
- UMB Center for Health and Homeland Security
- Johns Hopkins University
- University of Maryland College Park
- University of Maryland Police College Park
- University of Maryland Radiation Facilities
- University of Maryland School of Medicine

TTX Summary

Conducted 17 January 2018

- 60th Silent Thunder TTX conducted by the NA-81 Exercise Team
 - 132 players and observers
 - 3 modules, including 3 video injects, 1 audio inject, and 1 group activity
 - Second group activity was skipped due to time constraints



Inner Harbor Thunder Objectives

- Exercise alarm response criteria/procedures in reaction to signals from the Remote Monitoring System (RMS), including additional university monitoring processes and procedures and response protocols of the alarm response with responding authorities;

Core Capabilities: Situational Assessment; Search and Detection

- Discuss the UMB key command/general staff activation, coordination and integration in establishing Incident Command with initial operational objectives into the Unified Command structure during an expanding incident with critical local, State, & Federal stakeholders as well as the processes for notification and information exchanges therein;

Core Capability: Operational Communications

- Demonstrate the ability to provide timely, accurate, and coordinated messages to staff, students, public, and the media

Core Capability: Public Information and Warning

Inner Harbor Thunder Objectives (Cont'd)

- Discuss and examine mutual aid agreements and memorandums of understanding between UMB with external agencies including police, fire, and other organizations, the criteria for activation/deactivation, and the communications and coordination thereof;

Core Capabilities: Situational Assessment; Operational Coordination

- Examine and discuss triage and medical care capabilities during a mass casualty incident

Core Capability: Mass Care Services

- Examine measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from a radiological incident in support of responder operations and the affected community

Core Capability: Environmental Response/Health and Safety

TTX Scenario – 3 Modules

Module 1:

- Commercial grade fireworks stolen from a CSX train in SW Baltimore
- UMB graduate student self radicalization / T&R process
- Social media threat
- Unscheduled maintenance / countering the insider threat

Module 2:

- Organized protest through the UMB campus / response to civil disturbance
- RMS alarm response protocols / initial response to radioactive material theft
- Incident Command group activity

Module 3:

- Source taken to inner harbor and attached to aerial rockets
- Several explode above the city, one detonates on the ground disabling the two suspects
- Much of the city is contaminated, initiating a large scale radiological incident and response

Key Areas of Discussion

Operational Coordination and Communication

- Communication mechanisms, tactics, techniques, and procedures amongst responding agencies
- Leveraging existing resources for immediate response from federal and local law enforcement agencies

Incident Management

- Identification of the need for Unified Command during the multiple ongoing incidents
- Providing lifesaving medical treatment and triage during a radiological/WMD event
- Effectively managing ongoing incident operations during a hazardous response

Community Resilience

- Capabilities, protective measures, and preparedness amongst private sector businesses and public sector response organizations
- Response and resource allocation plans, procedures, and protocols to the affected population and community
- Public awareness and communications coordination

Questions / Comments

