



Vibrant Response 16 (VR16) at a Glance

- What:** U.S. Army North (ARNORTH) led Command Post Exercise (CPX) designed to confirm the USNORTHCOM Title 10 and 32 CBRN Response Forces in response to a 10kt IND detonation in a major U.S. city (National Planning Scenario #1)
- Why:** To confirm USNORTHCOM Title 10 and 32 Response Forces and incorporate State (Commonwealth of PA) and Federal partners to discuss resource planning and other operations out of a IOF/JFO
- When:** May 1 - 6, 2016
- Where:** The Interagency will participate primarily from Harrisburg, PA and Operation Centers. The Department of Defense will participate from numerous major military installations
- Who:** USNORTHCOM, ARNORTH, FEMA National, FEMA Region III, DCO/DCE ,PANG, DOE, EPA, HHS, USDA, DTRA, A-TEAM, and State and local representatives
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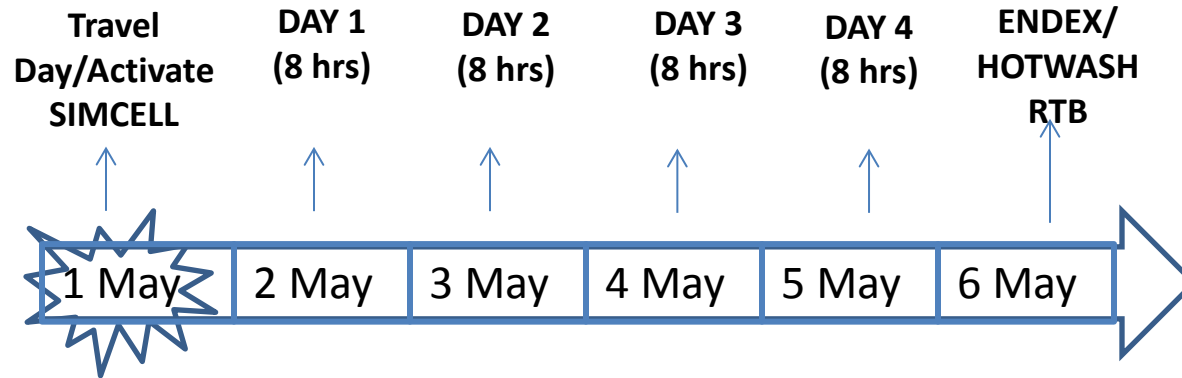


Interagency Involvement

- The Commonwealth of Pennsylvania and the PA National Guard will participate from the State EOC and the PANG JOC for the duration of the exercise
 - The Interagency will replicate the same hours
- Both the FEMA Regional and National Incident Management Teams will deploy to the IOF/JFO location
 - The Interagency will staff the appropriate ESF's
- FEMA NRCC and RIII RRCC will participate
- PEMA intends to establish a JIC during the exercise, however it is undetermined how long the JIC will participate in the exercise
- An Interagency TTX is tentatively scheduled for April 7th



Execution Timeline



* DOD play 24/7



VR 16 Planning Meetings

Dates	Purpose	Location
02/29/16-03/04/16	Final Planning Meeting	Camp Atterbury, IN
03/13/16-03/22/16	MSEL Scripting Meeting (Session 2/3)	San Antonio, TX
04/07/16	Interagency TTX - the discuss the Federal Interagency response structure	TBD (Harrisburg, PA)
05/01/16-05/06/16	Execution	Harrisburg, PA



Northern Lights 16 (CM16) at a Glance

- What:** Full-Scale Exercise that addresses radiological Consequence Management issues that arise after the emergency phase of the response (i.e. two-three weeks after the event)
- Why:** To address some areas of the response that have not been exercised in a full scale exercise, such as the transition between a DOE-led FRMAC and an EPA –led FRMAC, the comprehensive inclusion of laboratory analysis in response decisions, the implementation of health and safety planning, and the proper integration of AMS.
- When:** August 15-19, 2016 (Tentative)
- Where:** Camp Ripley Training Center, Minnesota (Tentative)
- Who:** Led by the Department of Energy
Support from the Environmental Protection Agency and the Advisory Team;
Minimal participation from other federal organizations (such as the Nuclear Regulatory Commission or Federal Emergency Management Agency);
State and local participants including Radiation Protection and Emergency Management agencies.
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Anticipated Exercise Scope

One week of exercise play

- Seminar/workshop to get all players up to speed on the first day
- 2 - 3 days of transition from DOE-led to EPA-led response
- 1 day of EPA-led response

Building block activities to discuss the initial response and decisions that are impacting the transition

- Facilitated discussion addressing transition document
- Table-top exercise to address response priorities
- Public information seminar

Exercise field play will be executed during daytime working hours

- 5 days of play with the State and EPA
 - 1 - 2 days integration with State field monitoring personnel
 - 8 - 10 hrs per day
 - Small night shift for analysis and data product production
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Overarching Exercise Goals

Operational Coordination: Transition of FRMAC from DOE-led to EPA-led

Transition documents and criteria would be established prior to the exercise

Starting conditions would require additional work to meet transition criteria

Transition or redeployment of personnel and equipment would occur during exercise play

Integration of AMS into FRMAC

Threats and Hazard Identification: End-to-end laboratory analysis process

Samples would be collected, packaged for shipment, and analyzed during the exercise

Some spiked samples would already be in place at participating laboratories

Pre-staged laboratory data would be fed into the exercise

Environmental Response/Health and Safety: Health and Safety planning and implementation

Health and Safety plans are developed but seldom used during exercises

Safety plan would be a part of exercise play

Public Information and Warning: Ongoing public messaging activities

FRMAC support of public messaging



Draft Exercise Planning Timeline

Date	Event
February 2-4, 2016	Initial Planning Meeting
April 26-28, 2016	Mid Planning Meeting
June 7-10, 2016	MSEL Development Meeting/FRMAC Transition Workshop
July 12-15, 2016	Final Planning Meeting
August 15-19, 2016	Exercise Execution (subject to possible shift to OCT 16)
September 13-14, 2016	After Action Conference (if necessary)