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

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

- **Travel Day/Activate SIMCELL**
- **DAY 1 (8 hrs)**
- **DAY 2 (8 hrs)**
- **DAY 3 (8 hrs)**
- **DAY 4 (8 hrs)**
- **ENDEX/HOTWASH RTB**

*1 May 2 May 3 May 4 May 5 May 6 May*

* DOD play 24/7*
## VR 16 Planning Meetings

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

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