EXERCISE UPDATES FROM DOE/NNSA
Cobalt Magnet-22 Review

27 July 2022
CM-22 Overview

- **Date:** 16-20 May 2022
- **Location:** Austin TX
- **Participants:** Approximately 400 players and 120 exercise Staff
- **Agencies involved:** 12 Agencies with 54 subordinate entities (Federal, State and Local)
- **Scenario:** Search to CM followed by RDD detonating during 5K Hero’s Run located on Camp Mabry
Initial take-aways

- NEST CM assets need to participate in some type of exercise every year not just every Cobalt Magnet which has occurred (2016/2019/2022/2025)
- Notification, deployment, and request for assistance plans and procedures require updating and dissemination
- Communications interoperability between all levels, Federal down to Local require significant work, as does ability to communicate in cell phone denied scenarios
- Leverage NREP and CRCPD conferences to disseminate Cobalt Magnet lessons learned to other regions
- Proactive real-world messaging was a success
- NA-84 CM Program is considering how FRMAC is currently structured and examining how FRMAC could better align to NIMS and NRF structures
Next Steps

- **30 MAY 2022**: Deadline to submit observations through online Observation Form
  - As of Monday, 6 June NA-84 has received a total of **1,252** Observations

- **23 SEP 2022**: Interagency After-Action Meeting to discuss draft AAR

- **21 OCT 2022**: AAR Second Draft completed; sent to interagency for review

- **18 NOV 2022**: Deadline for Interagency AAR comments

- **20 JAN 2023**: AAR Finalized

- **TBD**: Improvement Plan Discussions
The Cobalt Magnet exercise series is a Department of Energy (DOE)/National Nuclear Security Administration (NNSA)-led that focuses on managing the off-site consequences of a radiological or nuclear incident. Response organizations come together in a full-scale environment to establish working relationships prior to an event; validate concepts of operation; and identify best practices, capability gaps, and areas for improvement.

Why are we conducting this exercise:
- It has been 10 years since the USG conducted a Nuclear Power Plant exercise (Southern Exposure 2015)

**Leadership Goals**
- Assess the resource constraints of the NEST response
- Evaluate the NEST and FRMAC leadership transition from a DOE-led to EPA-led response
- Evaluate our ability to communicate cross government

**Technical Goals**
- Evaluate response in the Intermediate to Late phase of a nuclear power plant incident
- Evaluate efficiency of data sharing between all levels of government

**Policy Goals**
- Develop draft federal planning guidance for: cleanup and long-term recovery of large areas contaminated as result of a nuclear accident
- Validate updated NIRA
Proposed Date: Spring 2025

• 5 Day IPX (DOE Led) followed a month later by Long-term Recovery Workshop/TTX (EPA Led)

• IPX will be conducted outside of REP, so scenario will be challenging

• International coordination and data harmonization

• Affected area includes FEMA Region V and RAP Region 5

Fermi II Estimated 10-mile and 50-mile planning zones
Updates Since Last Briefing

- Canadian government at both the National and Provincial level (Ontario) have confirmed they approve scenario and will participate in exercise.
- Michigan’s Lead CM-25 planner was invited to Austin and observed CM-22
- NEA’s Planners have proposed possible linking their INEX-6 exercise with CM-25 (IEA’s ConvEx-3 will not link)
- Next Core Planning Meeting 28 July 2022