Executive Order: Improving Chemical Facility Safety & Security

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Status Report to the President under EO 13650

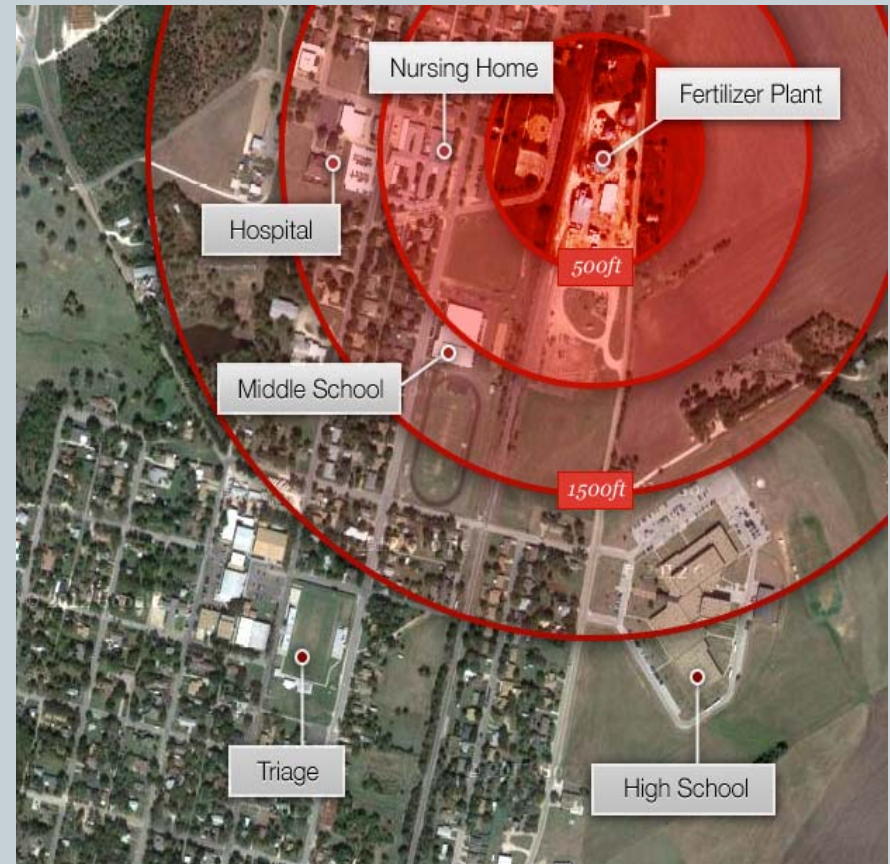EPA ACTIONS

APRIL 15, 2015

Executive Order on Chemical Facility Safety & Security

- Signed August 1, 2013
- Driven by recent chemical accidents (e.g. West, TX fertilizer facility)
- Areas of effort:
  - Improving Operational Coordination with State, Local, and Tribal partners
  - Enhancing Federal Coordination
  - Enhancing Information Collection and Sharing
  - Modernizing Regulations, Guidance, Policy, and Standards
  - Identifying Best Practices

Report to the President under
Executive Order on Chemical Facility Safety & Security

- Released to the public on June 6, 2014
- Key areas of action identified in the Status Report include:
  - Strengthening Community Planning and Preparedness
  - Enhancing Federal Coordination at the National and Regional level
  - Improving Data Management and sharing with stakeholders
  - Modernizing Policies and Regulations including EPA's Risk Management Plan (RMP) regulations
  - Incorporating Stakeholder feedback and Developing Best Practices

EPA Actions to Strengthening Community Planning & Preparedness

- Develop on-line training for SERCs and TERCs on the key requirements under Emergency Planning and Community Right-to-Know Act (EPCRA) by 6-6-15.

- Develop guidance and training for, and hold regional workshops with, LEPCs and TEPCs to reinforce their authorities, roles, and responsibilities and to identify barriers to meet their requirements for development and implementation of local emergency response plans by 6-6-15.

- Leverage industry associations to provide their members with information on EPCRA roles and responsibilities and share best practices for facility involvement with LEPCs and TEPCs by 6-6-15.

- Update National Response Team (NRT) guidance for developing and reviewing Hazardous Materials Emergency Plans based on lessons learned and new technologies by 9-30-16.

- Improve the Computer-Aided Management of Emergency Operations (CAMEO) suite to expand analytical capability and promote information sharing.

- Develop and provide a complete Web-based version of CAMEO that States can host on their own servers.

- Continue enhancements of the CAMEO suite to further enhance its usability, expand analytical capability, and promote information sharing by: o Including listing CFATS in the regulatory designation section of the CAMEO chemical datasheets, which already include information from EPCRA, the Clean Air Act, and other regulations.

  - Developing CAMEO chemical datasheets for any of the 322 substances on the CFATS chemicals of interest list not already in CAMEO to ensure emergency planners and first responders have chemical information on all CFATS regulated chemicals.

  - Adding new fields to enable connections with EPA's FRS and SRS to ensure LEPCs integrate all available chemical facility information into their local CAMEO database.

  - Establishing a data standard for exchanging electronic EPCRA-required data (e.g., Tier II data) between different data management systems used by SERCs, TERCs, LEPCs, and TEPCs.

  - Developing a mobile application for viewing the EPCRA data for CAMEO chemicals, in addition to the desktop, Website, and mobile Website CAMEO versions already available.

  - Incorporating CAMEO training materials into outreach initiatives.

- Develop and provide a complete Web-based version of CAMEO that States can host on their own servers. This allows LEPCs an online method of accessing the State Tier II facility/chemical data and allows facilities to report online.

- Establish a Chemical Facility Safety and Security Executive Committee and a National Working Group that will:
  - be responsible for Federal interagency coordination and collaboration on the implementation of the actions identified in this report,
  - maintain visibility on the progress being made in the Regional Working Group, and
  - provide assistance and support as needed.
- Establish Chemical Facility Safety and Security Regional Working Groups that will be responsible for
  - establishing and implementing a structure for regular briefings and feedback from all stakeholders regarding the actions identified in this report and
  - develop SOPs tailored to their respective regions.

EPA efforts to improve Information Collection and Sharing

- **Aggregating Data from Across the Federal Agencies and Establishing a Single Web-Based Interface for Data Collection**
  - Use the Environmental Protection Agency's (EPA's) Facility Registry Service (FRS) as a central repository to link data from multiple agencies to assist with identifying noncompliant facilities and/or other potential compliance issues.
  - Build the capability for each Agency's database to automatically share information with the FRS as new facility registration information is entered.

- **Improving Information tools for Regulated Chemicals**
  - Expand Substance Registry Services (SRS) to include Maritime Transportation Security Act (MTSA) and the Bureau of Alcohol, Tobacco, Firearms and Explosives' (ATF) List of Explosive Materials based on the needs of industry members, State and Federal regulators, and other stakeholders.
  - Link agency systems to the records in the SRS to increase chemical regulatory awareness.

Modernizing EPA's RMP Policies and Regulations

- Gathering further input through an RFI and begin regulatory process to modernize RMP by considering strengthening or clarifying existing requirements and adding new prevention and emergency response program elements.

  ○ EPA published an RFI on July 29, 2014 and the comment period closed on October 29, 2014. EPA is working toward publishing a proposed rule on high priority issues by the end of this year (2015), with the intent to finalize such amendments in 2016, subject to any timing adjustments that may be necessitated by new information.

Questions?

CHECK OUT THE EO WEBSITE FOR MORE INFORMATION:

For EPA: http://www.epa.gov/emergencies/eo_improving_chem_fac.htm#eopu

General EO website: https://www.osha.gov/chemicalexecutiveorder/index.html