CHEMPACK Overview

- Federal Program
  - Centers for Disease Control and Prevention (CDC)
  - Division of Strategic National Stockpile (DSNS)
- Initiated post September 2001 to address large scale chemical releases
  - Forward placement of chemical antidotes
  - Primarily organophosphates
CHEMPACK Program Mission

- Implement a nationwide project for the “forward” placement of nerve agent antidotes. To provide state and local governments a sustainable resource that increases their capability to respond quickly to a nerve agent event.
Overview

- Designed to utilized as secondary response assets
  - Delivery to response area within 60 minutes
  - Does not absolve local initial response responsibilities
  - Can not be utilized to supplant local initial cache

- SNS assets would be utilized as tertiary response to large scale event
Illinois CHEMPACK Locations
Iowa CHEMPACK Locations
CHEMPACK Container:

60.5 (L) X 32.5 (W) X 60.5 (H)

Approximate weight 550 lbs

DEA approved
wire mesh

Container serial number

Lockable latches

Container content list

Swivel casters
EMS Style CHEMPACK Containers

- **Assets**
  - Federal ownership maintained
  - Shelf Life Extension Program (SLEP)

- **Pharmaceutical supplies only**
  - 85% self administration
  - 15% multi-use vials

- **Designed to treat 454 patients**
  - 30% mild exposure
  - 40% moderate exposure
  - 30% severe exposure
Pharmaceuticals – forward placement of Nerve Agents

(Antidote Treatment Nerve Agent Autoinjector)

- ATNAA Auto-Injector Antidote Kits
  - 2.1mg atropine / 0.7 ml and 600mg / 2ml Pralidoxime Chloride (2-Pam) / 2ml
  - 1,200 kits total per container
- Mark 1 auto-injector
  - 240/case 5 cases 1200 units total
- Atropine Sulfate 0.4mg/ml 20ml
  - 100/case 1 case 100 vials total
- Pralidoxime 1gm inj 20ml
  - 276/case 1 case 276 vials total
- Atropen 0.5 mg auto-injector
  - 144/case 1 case 144 units total
- Atropen 1.0 mg auto-injector
  - 144/case 1 case 144 units total
- Diazepam 5mg/ml auto-injector
  - 150/case 2 cases 300 units total
- Diazepam 5mg/ml vial, 10ml
  - 25/case 2 cases 50 vials total
- Sterile water for injection (SWFI) 20cc
  - 100/case 2 cases 200 vials total

The 2016 change to Pharmaceuticals was Mark 1 auto-injectors have been replaced with the ATNAA, military version of the DuoDote auto-injector.
Shelf Life Extension Program (SLEP)

- **Requirements**
  - Pharmaceuticals must be owned by the Federal Government
  - Environmental conditions and integrity are maintained
    - Sensaphone® alarm
  - CDC provides documentation to FDA
- **If container is open or environmental conditions not maintained**
  - Material cannot participate in SLEP
Cache Location Requirements

- Secure location
  - 24 hour surveillance by motion detector, camera, door contact switch
  - Double lock standard
  - Controlled entry to storage area

- Floor space for container
  - 72 inch aisles, 34 inch doorways

- Environmental control
  - 59 – 86 degrees F (15 – 30° C)
  - 60% or less humidity
Requirements

- 110 volt electrical power
  - Back-up power source
    - Power generator
    - Uninterruptible power source (UPS)
- Dedicated phone line
  - Plain old telephone (POTS) line – copper
- DEA Registrant
  - Schedule IV agents
- Point of Contact for facility identified
- On-site review/assessment
Protocol

- State CHEMPACK Workgroup will develop
  - Standing protocol for utilization
- Will need to be incorporated into local plan
  - Emergency Management
  - EMS / Fire / HazMat / Law Enforcement
  - Other health care providers
  - Surrounding states