

CHEMPACK Program Overview



Jason Stear

Division of Strategic National Stockpile
Coordinating Office for Terrorism Preparedness and Emergency Response
Centers for Disease Control and Prevention



SAFER • HEALTHIER • PEOPLE™



Agenda

- Mission
- Why CHEMPACK?
- Background
- Program Benefits
- CHEMPACK Containers
- Container Formulary Components
- CHEMPACK Provisions
- Regional Coverage Areas
- Fielding and Sustainment
- Program Challenges
- Relationship with DEA
- The Way Ahead



SAFER • HEALTHIER • PEOPLE™



Mission

Develop and implement a nationwide program for the “forward” placement of nerve agent antidotes. To provide state and local governments a “sustainable” resource; and improve their capability to respond quickly to a nerve agent incident.



SAFER • HEALTHIER • PEOPLE™



Why CHEMPACK?

- SNS had a 12-hour response time, too long in the event of a chemical attack
- State and local governments have limited or no chemical/nerve agent antidote stocks
- Hospitals carry very limited supplies to treat nerve agent exposure
- Nerve agent antidotes are costly and have variable shelf lives



SAFER • HEALTHIER • PEOPLE™



Background

- The CHEMPACK Program pilot was established in September 2002 with an overall budget of \$6 million.
 - Three Project Areas participated (South Dakota, Washington State and New York City)
 - Tested the concept of forward placement of SNS-owned chemical / nerve agent antidotes
 - Determined feasibility of the tested strategy
 - Lessons learned used to refine processes for the nationwide program



SAFER • HEALTHIER • PEOPLE™



Program Benefits

- Pre-position containers for faster response times during an emergency
- Extended shelf life of SNS-owned assets to save in overall costs
- Local control of critical life-saving assets
- Federal management of product life cycle



SAFER • HEALTHIER • PEOPLE™



CHEMPACK Containers

CHEMPACK containers are self contained units placed in centralized locations to enable first responders to quickly administer life-saving antidotes and save lives. There are two types of containers:

- EMS containers
 - Geared to first responders
 - 85% auto injectors
 - 454 casualty capacity
- Hospital containers
 - Geared to clinical care environment
 - 85% Multi-dose vials
 - 1,000 casualty capacity



SAFER • HEALTHIER • PEOPLE™



Container Formulary Components

Mark 1, Nerve Agent Antidote Kit (NAAK)



Diazepam (CANA) Auto-Injector



Atropine, Pralidoxime, and Diazepam Multi-dose Vials



AtroPen Pediatric Doses

1 mg AtroPen®
(Dark Red Label)



1 mg

0.5 mg AtroPen®
(Dark Blue Label)



0.5 mg



SAFER • HEALTHIER • PEOPLE™



CHEMPACK Provisions

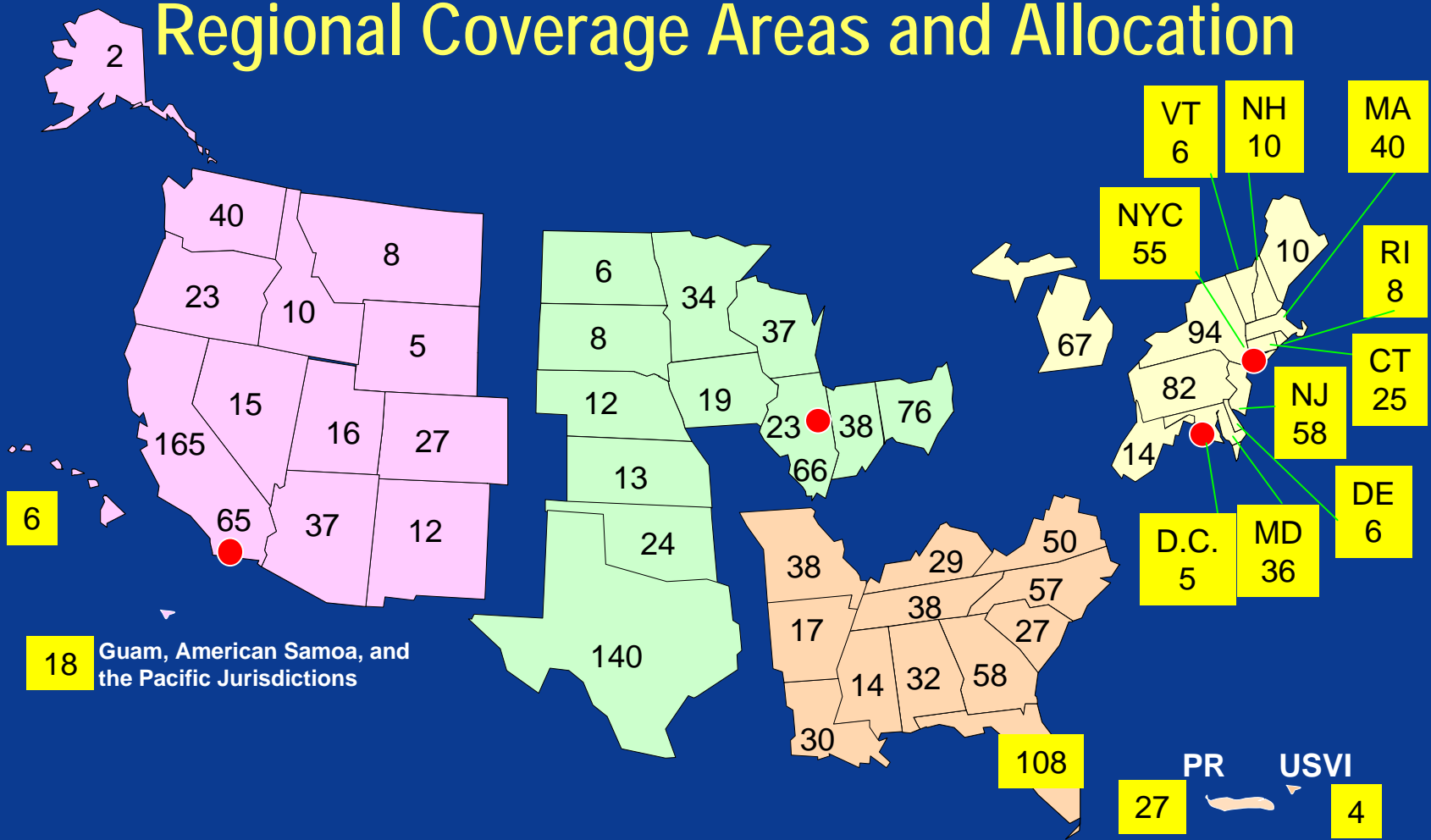
- The Program supplies materiel, approved storage containers, and monitoring equipment
- The Program monitors container temperature and security 24/7
- Project Areas are required to provide secure, environmentally controlled storage areas with phone connectivity
- Project Areas are required to sign a Memorandum of Agreement to store and use materiel according to program guidelines



SAFER • HEALTHIER • PEOPLE™



Regional Coverage Areas and Allocation



Region 4	Region 3	Region 2	Region 1
449 Containers	496 Containers	529 Containers	516 Containers
22.70% of total	24.80% of total	26.50% of total	25.90% of total



SAFER • HEALTHIER • PEOPLE™



Fielding and Sustainment

- Cache Site Survey and Fielding
 - Logisticians evaluate proposed storage site for compliance with Program requirements
 - Maintenance Technician establishes connectivity and alarm functionality with CDC
- Maintenance Visits
 - DSNS Maintenance Technicians conduct maintenance visits as required to repair or replace monitoring units
- Container Movements
 - CHEMPACK Teams support movement of existing containers within host sites and between facilities in the Project Area as required
- Sustainment
 - Inventory teams monitor shelf life of container contents and rotate product during site visits prior to product expiration



SAFER • HEALTHIER • PEOPLE™



Program Challenges

- Maintenance of existing cache sites
 - Staff attrition of registrants and POCs
 - Facility renovations and closings necessitate container movement
- Transition to distributor registration
 - Bulk of containers signed for under a hospital / clinical DEA Registration
 - Small population of containers signed for by individual practitioners
 - Working to establish distributor registration as the standard for CHEMPACK custody



SAFER • HEALTHIER • PEOPLE™



Relationship with DEA

- DEA provides support for questions and concerns regarding registrant information and validity
- Certification of CHEMPACK criterion for sites storing containers, acceptance of Cache Site Survey documentation
- Communication and coordination protocols



SAFER • HEALTHIER • PEOPLE™



The Way Ahead

- Continuous sustainment of all CHEMPACK sites
- Fielding of the 8 remaining Project Areas (5 U.S. territories and 3 associated Pacific Island Nations)
- Formulary component review and restructuring



SAFER • HEALTHIER • PEOPLE™



Questions?



SAFER • HEALTHIER • PEOPLE™

