



To: Bay Area UASI Approval Authority
From: Philip D. White, CBRNE Project Manager
Date: November 14, 2019
Re: Item 08: CBRNE Program Update

Staff Recommendation:

No recommendation

Action or Discussion Items:

Discussion, Possible Action

Background:

Since 2014, the Bay Area UASI has been developing a comprehensive Preventive Radiological/Nuclear Detection (PRND) Program to prevent the use of radiological and nuclear materials taken out of regulatory control for use in a weapon of mass destruction. A PRND Focus Group was formed and is now part of the Chemical Biological Radiological Nuclear Explosive (CBRNE) Work Group.

To date, a multi-year training plan has been developed, the regional PRND equipment procurement plan has been implemented completing over \$650,000 of equipment purchases and deployment, and over 200 first responders have participated in the following training courses and exercises:

Training Courses	Exercises
Primary Screener	Isotope Crossroads - PRND TTX 2018
Secondary Screener	Radiological Material Security Workshop 2018
PRND Team Operations at Large Scale Public Events	PRND law enforcement tactical and Hazmat team scenarios – Urban Shield 2018
Maritime PRND Operations	Vigilant Guardian 2018 - PRND TTX
PRND Team Leader	Bay Ex 2018 - Maritime PRND and Consequence Management Full-Scale Exercise
Backpack Operations for the Primary Screener	UCSF Myth Busting the Radiological Response - PRND TTX2 2019

Current Status:

Updating the region's PRND Concept of Operations Plan and Standard Operating Procedures to align with the new National PRND Concept of Operations Plan, as well as reflect the recent merging of the Domestic Nuclear Detection Office (DNDO) and Countering Weapons of Mass Destruction Office (CWMD) has been the focus of 2019. The Bay Area UASI has continued to offer trainings and exercises in order to sustain PRND and CBRNE capabilities in the region. In 2019, courses in PRND Primary/Secondary Screener, Primary/ Secondary Screener Train-the-Trainer, Team Operations, Team Leader and Maritime PRND Operations have been conducted.

Next Steps:

The Bay Area UASI has applied for the CWMD Secure the Cities grant. This anticipated grant award will enhance Bay Area CBRNE and PRND capabilities, increase equipment ownership and provide additional training and exercise funding to the region. Continued work with the Fusion Centers to perform as the central intake point for CBRNE data will be an important future initiative. The Area of Responsibility (AOR) is expected to expand into Northern and Inland California. The foundational work developed in the Bay Area will be replicated in the new Northern California Secure the Cities AOR.

Annual funding for the CWMD Secure the Cities grant is anticipated for the next five to ten years. Developing federal and state-wide partnerships, participating in standardized policy and response planning, coordinating regional equipment procurement and distribution, and conducting regional training and exercises will be the focus of the years ahead. Through the Northern California STC grant, the Bay Area will leverage the CBRNE Work Group progress to enhance Bay Area capabilities and more fully engage with agencies such as:

- Federal Bureau of Investigation
- Regional Fusion Centers
- Department of Homeland Security - Domestic Nuclear Detection Office (DNDO)
- Department of Energy - Office of Nuclear Incident Response Consequence Management Program
- Department of Defense - Defense Threat Reduction Agency (DTRA)

Continued updates will be provided to the Approval Authority throughout 2020 on Bay Area coordination with the Northern California Secure the Cities initiative.