



***National Transportation
Stakeholders Forum
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Ahmad Al-Daouk

**Manager, National Security Department (NSD)
National Nuclear Security Administration (NNSA)
Service Center – Albuquerque, NM**



National Transportation Stakeholders Forum (NTSF)

- Introduction
- NNSA Certifying Official Role
- Offsite Source Recovery Project
- Waste Shipments
- Nuclear Materials Management Planning
- Summary



NNSA Plays a Critical Role: Ensuring our Nation's Security

- Maintaining the safety, security and effectiveness of the nuclear weapons stockpile without nuclear testing
- Reducing the global danger from the proliferation of nuclear weapons and materials
- Provide safe and effective nuclear propulsion for the U.S. Navy
- Provide effective nuclear counterterrorism and incident response capabilities for the Nation

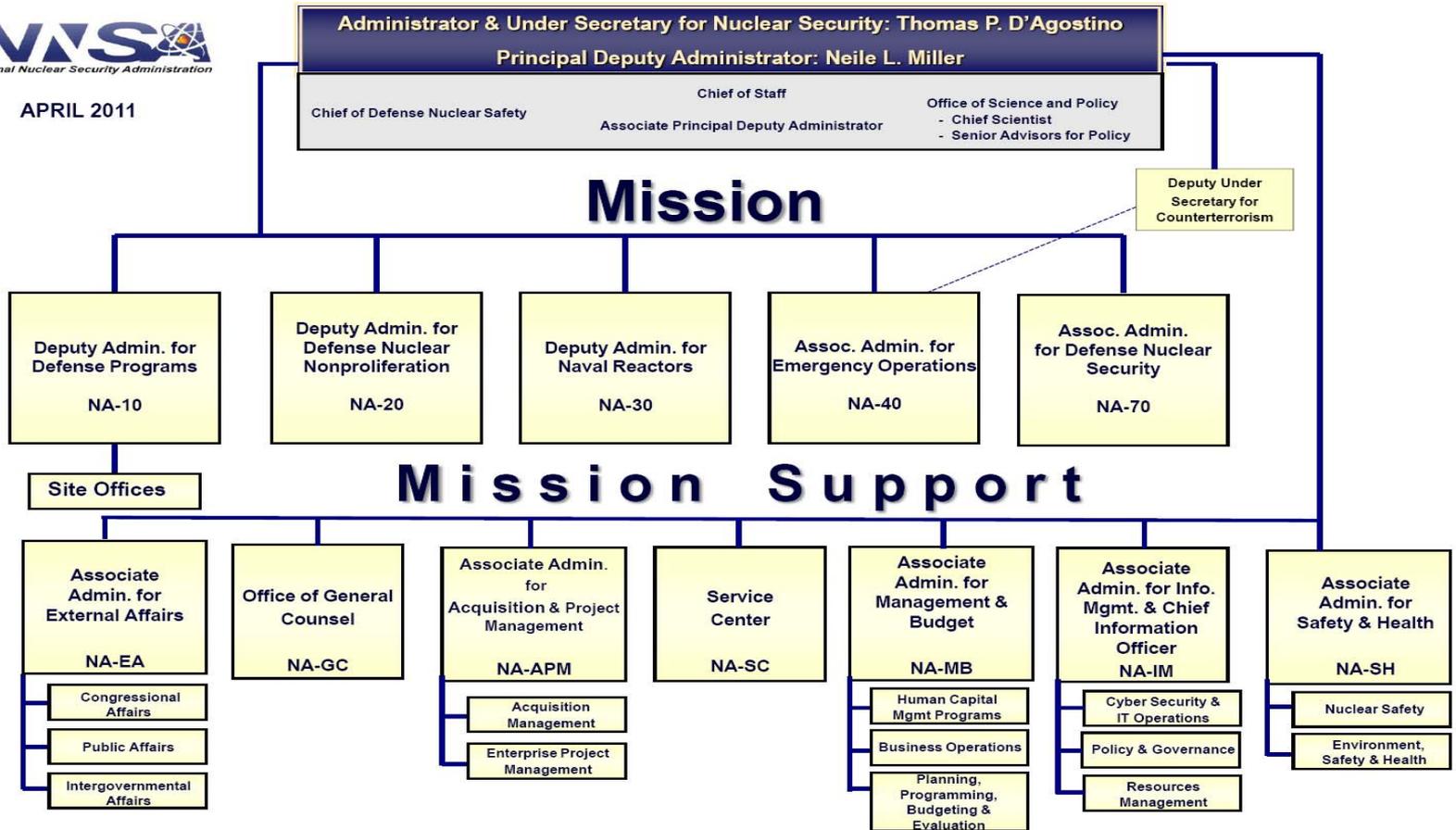


NNSA Reorganization

Effective April 10, 2011



APRIL 2011





NNSA Certifying Official (NNSA CO) Responsibilities

- NNSA Headquarters delegated NNSA Certifying Official authority to the NNSA Service Center in November 2010 for Packaging and Transportation Safety directive
- NNSA Service Center retained the existing NNSA CO authority for the December 2010 revision of the Materials of National Security directive
- NNSA CO responsible for P&T Safety integration via coordination Points-of-Contact for NNSA HQ Programs



NNSA Shipments in Commerce

- NNSA Contractors transporting in commerce, are required by law to comply with applicable regulations (e.g. federal, local, tribal)

- Great majority of NNSA shipments are non-secured



Off-Site Source Recovery Project

The Global Threat Reduction Initiative for the Off-Site Source Recovery Project (GTRI/OSRP) within Defense Nuclear Nonproliferation (NA-20):

- Overseen by GTRI and implemented by Los Alamos National Laboratory, Idaho National Laboratory and the Conference of Radiation Control Program Directors
- Mission to remove excess, unwanted, abandoned, or orphan radioactive sealed sources that pose a potential risk to national security, public health, and/or safety



Off-Site Source Recovery Project

OSRP within Defense Nuclear Nonproliferation (NA-20):

- As of April 7, 2011, OSRP has been able to recover over 25,531 sources (803,274 Ci) from more than 900 sites (including Puerto Rico and several foreign countries)
- In the total above, in FY11 alone, OSRP collected 1508 domestic sources from 43 sites and 479 international sources from 1 site





Off-Site Source Recovery Project

OSRP within Defense Nuclear Nonproliferation (NA-20):

- Since 2005, (LANL/LANS) made a total of 625 consignments to collect the domestic sources from various locations in US and delivered to OSRP consolidators
- Of those 625, 22 consignments (10 trips) were made using LANL OSRP truck





NNSA Waste Shipments

Waste Shipments

- NNSA Contact Handled Transuranic (CH-TRU) shipments rolled-up into Environmental Management report by WIPP
 - In FY 2011 to date, 132 shipments made from NNSA sites (as of April 11, 2011)

- Low Level Waste/Low Level Mixed Waste (LLW/LLMW)
 - Shipping projections are lower than those from last year, primarily due to a decline in remediation work funded by the American Recovery and Reinvestment Act (ARRA)
 - Currently planned number of transportation shipments
 - » FY2011 – 1,000 (with the majority by truck)
 - » FY2012 – 1,100 (with the majority by truck)



Office of Secure Transportation

NNSA Office of Secure Transportation Mission (OST):

- OST is committed to transportation safety and security
 - Over three decades of safe, secure transport of nuclear weapons and special nuclear material to and from military locations
 - Over 140 million miles traveled
 - Over three decades of 235,000 flight hours of accident-free flying
- OST has an office that works with law enforcement and emergency management agencies
 - Law enforcement and emergency management agencies (all levels) can request additional information
 - Contact: Lawrence Castillo del Muro, Supervisory Intelligence Operations Specialist, OST, 505-845-5361



Nuclear Materials Management: Three Eras

1. Growing Stockpile:
 - Demand for materials exceeded Supply
 - New elements/isotopes were created
2. End of the Cold War:
 - Supply of materials exceeded Demand
 - Production stopped
3. Today:
 - Continuing programs must be supported
 - Disposal needed for legacy surplus materials
 - Plans should be developed for how to meet program needs after the existing supply has been consumed



Nuclear Materials Management for Today's Era

- NNSA's Vision is for required forms of nuclear materials to be available, when needed, throughout their life-cycle and to be properly disposed of when no longer required
- Goal 1 – Assured Supply
- Goal 2 – Consolidation/Disposition of Excess Materials
- National Strategic Plan, to be issued soon, will address DOE's approach to meeting these goals



NNSA Summary

- OSRP has collected >1900 sources from 44 new sites in the past year
- TRU Waste Shipments in FY11 to-date are 11% lower than same FY10 period
- OST has traveled 40 million miles in the past year
- Nuclear Materials Strategic Plan near completion
- NNSA's *Path Forward* is focused on full integration and coordination of NNSA P&T Safety through the NNSA Service Center as *NNSA Certifying Official*