Department of Defense
Nuclear and Chemical and Biological Defense Programs:
FY06 Overview

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ATSD(NCB) Organization

Secretary of Defense

Under Secretary of Defense for Acquisition, Technology and Logistics

ATSD (NCB)

- Deputy for Nuclear Matters
- Deputy for Chem Bio Defense
- Deputy for Chem Demil & Threat Reduc.
- Director Defense Threat Reduction Agency
ATSD(NCB) Mission Areas

Chemical Demilitarization

Nuclear Matters

Defense Threat Reduction Agency

Chemical & Biological Defense
"Armed with a single vial of a biological agent, small groups of fanatics, or failing states, could gain the power to threaten great nations, threaten the world peace. America, and the entire civilized world, will face this threat for decades to come. We must confront the danger with open eyes, and unbending purpose."

President Bush February 11, 2004
# BioDefense for the 21st Century: The President’s Pillars

## Prevention & Protection
- Proactive Prevention
- Critical Infrastructure Protection

## Surveillance & Detection
- Attack Warning
- Attribution

## Threat Awareness
- Biological Warfare Related Intelligence
- Assessments
- Anticipation of Future Threats

## Response & Recovery
- Response Planning
- Mass Casualty
- Risk Communication
- Medical Countermeasures
- Decontamination
Chemical Demilitarization & Threat Reduction (CD&TR) Mission

1. Oversight of Chem-Demil, Cooperative Threat Reduction, and NCB Weapons Treaties
2. DoD Treaty Manager for NBC Weapons Treaties
   - NPT, NTBTs, US-IAEA Safeguards, AP, FMCT, CWC, BWC
3. Oversight of DoD Nuclear Monitoring and Verification R&D Program
CTR Scorecard
Ukraine, Kazakhstan, & Belarus are Nuclear Weapons Free

Current numbers as of 15 April 2005; projections as of 31 Dec 2004
U.S. Chemical Demilitarization
FY06 President’s Budget

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Nuclear Safeguards Mission

- Assist and advise SECDEF
  - International Nuclear Safeguards
  - Countering of Rad/Nuclear Devices

- Enhance the Nation’s capability to counter proliferation of WMD
Office of Nuclear Matters (NM)

Focal point for stockpile management activities

- Nuclear Weapons Council (NWC)
- System Survivability
- Emergency Response
- Weapons Surety
- Survivability Against Effects
- Information Management and Preservation of Expertise
- OSD Functions
- International Programs
- Physical Security
- Stockpile Transformation
Nuclear Weapons Council

- Epicenter of DoD-NNSA Nuclear Deterrent Enterprise
- Staff resides within NM
- Focal point for activities to maintain US nuclear stockpile.
Defense Threat Reduction Agency (DTRA)

• DoD’s Expert for reducing WMD threats
• Combat support agency
• Center of excellence in combating WMD
Making the Critical Difference in DoD’s Combating WMD mission…

- Full time focus
- End-to-end approach
- Synergistic RDT&E and support to operations
- Warfighter focus
- Agile, Efficient, Effective

... Expertise and “one-stop shopping” for the warfighter

DTRA Business Opportunities:
DTRA’s Global Support to the Warfighter

- Major Operating Locations (Headquarters at Fort Belvoir, Virginia)
- Liaison Officers
DTRA Budget:
We use a mix of appropriated funds to execute our mission

Total Portfolio $2,749 M

CBDP Total: $1,548.7 M
  (Non-S&T) $1123.9 M
  (DTRA managed) $424.8 M

CTR, $415.5 M
Reimbursable, $38.9 M
O&M, $320.1 M
Procurement, $16.5 M
RDT&E, $409.3 M
- Includes WMD Defeat and WMD Defense Technologies

DTRA Total: $1,200.3 M

Total Portfolio: $2,749 M
Chemical and Biological Defense
Critical Roles

Combating Weapons Of Mass Destruction

Combating Terrorism  Homeland Security Support
CB Defense Program
FY06 Resource Allocation

Capability Areas

- Sense 28%
- Shape 9%
- Shield 31%
- Sustain 6%
- Homeland Defense 13%
- Other 13%

Total Funding FY06: $1.5B
WMD Defense Cooperative Focus Worldwide

Political Map of the World, June 1997
Summary

- S&T investment to counter diverse threats and prevent technological surprise

- Capabilities to protect the warfighter

- Homeland Security & Force Protection missions support need for capabilities-based defenses