

DEFENSE THREAT REDUCTION AGENCY



Making the World Safer

***Programmatic Environmental Impact Statement
for White Sands Missile Range
Public Scoping Meetings***

August 12 -14, 2003

Introduction

- Public Affairs Office



The public meeting schedule is:

- Aug. 12, Holiday Inn, Las Cruces, N.M.
 - 5-7 p.m., public availability session
 - 7-9 p.m., public scoping meeting
- Aug. 13, New Mexico Institute of Mining and Technology, Macey Center, Socorro, N.M.
 - 5-7 p.m., public availability session
 - 7-9 p.m., public scoping meeting
- Aug. 14, Holiday Inn Express, Alamogordo, N.M.
 - 5-7 p.m., public availability session
 - 7-9 p.m., public scoping meeting

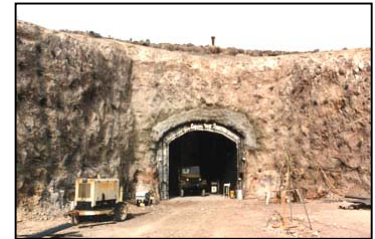


Programmatic Environmental Impact Statement (PEIS) public scoping meeting

- Welcome and introductions
- Purpose
 - Provide overview of Defense Threat Reduction Agency's (DTRA) current and proposed activities at the White Sands Missile Range (WSMR)
 - Discuss the environmental review process under the National Environmental Policy Act (NEPA)
 - Provide a public forum to gather comments on the scope of the PEIS
 - Maintain an open and collaborative process

Agenda

- Agenda overview and "ground rules"
 - DTRA
 - Current and proposed WSMR activities
 - NEPA process
 - PEIS
 - Public involvement
 - Scoping



"Ground rules"

- Tonight's meeting is for the public to speak and for DTRA to listen
- DTRA will hear oral comments
 - Speaker sign-up is at the registration table
 - Speakers should be brief (approximately 10 minutes) to give everyone a chance to participate

Current and proposed activities briefer

- Test & Technology Support Division, Technology Development Directorate



DTRA makes the world safer by reducing the threat from weapons of mass destruction

- A combat support agency that is part of the Department of Defense:
 - Authorized 2,094 people, civil and military personnel
 - Budgeted at over \$2 billion for FY 03 (currently about \$50 million in New Mexico)
- We are the near term interface between research and development and the warfighter for things related to weapons of mass destruction (WMD)
- DoD's "go-to" agency on WMD threats



DTRA's assets in New Mexico support elements of the full range of our mission

- **Arms Control:**
 - Inspecting threats and stopping them at national borders
- **Threat Reduction:**
 - Dismantling the former Soviet nuclear arsenal in place and eliminating Iraqi weapons of mass destruction
- **Technology Development:**
 - Developing, testing and fielding offensive and defensive technologies
- **Chemical and Biological Defense:**
 - Assuring operations in hostile environments
- **Combat Support:**
 - Assessing vulnerabilities, assuring the nuclear deterrent



Our New Mexico activities support the full DTRA mission



***Nuclear Weapons
Accident Response
Training***



***Magnetic Flyer
X-Ray Simulator***



***Consequence
Management
Advisory Team***



***Counterforce
Demonstrations***



***Unconventional Nuclear
Warfare Defense***



Our New Mexico program successes are numerous

- White Sands Missile Range (WSMR) tunnel project - part of hard and deeply buried target defeat program
 - Constructing a \$6 million tunnel complex at Capitol Peak
 - Related value of contracts: \$100 million over 10 years
- Crash Prompt Agent Defeat (CrashPAD) program - example of rapid response to WMD threats
 - Developed a new way to defeat biological agents
 - Tests performed at WSMR

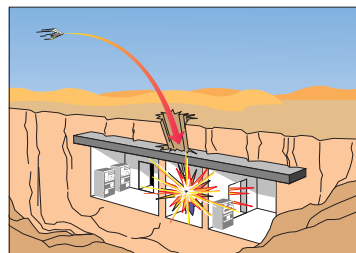
Our New Mexico program successes are numerous

- Tests managed from Kirtland Air Force Base (KAFB) and performed on KAFB, WSMR and Nevada Test Site:
 - Number of scheduled tests grew from 108 in FY 02 to 120 in FY03
 - Hard and deeply buried target defeat
 - Anti-terrorism/force protection
 - Nuclear weapons effect simulation



DTRA conducts a wide variety of weapons lethality & survivability testing at WSMR

- Tests develop technologies & techniques to defend against WMD including terrorism
- Tests are conducted against a wide variety of targets (tunnels, hardened and soft structures, simulated biological and chemical weapon production facilities)
- Tests evaluate the lethality of current and new weapons



There are a variety of test beds, each designed for specific purposes

- Large Blast/Thermal Simulator (LB/Ts) for blast effects and small scale explosive tests
- Permanent High Explosive Test Site (PHETS) for large scale high explosive, bomb, & cruise missile tests against targets including chemical and biological warfare simulants



***Permanent High Explosive
Test Site Facilities***



***Large Blast/
Thermal Simulator***



There are a variety of test beds, each designed for specific purposes

- Capitol Peak Tunnel Complex for testing of weapons and tactics in a granite tunnel environment
- Two flat-granite sites for phenomenology testing

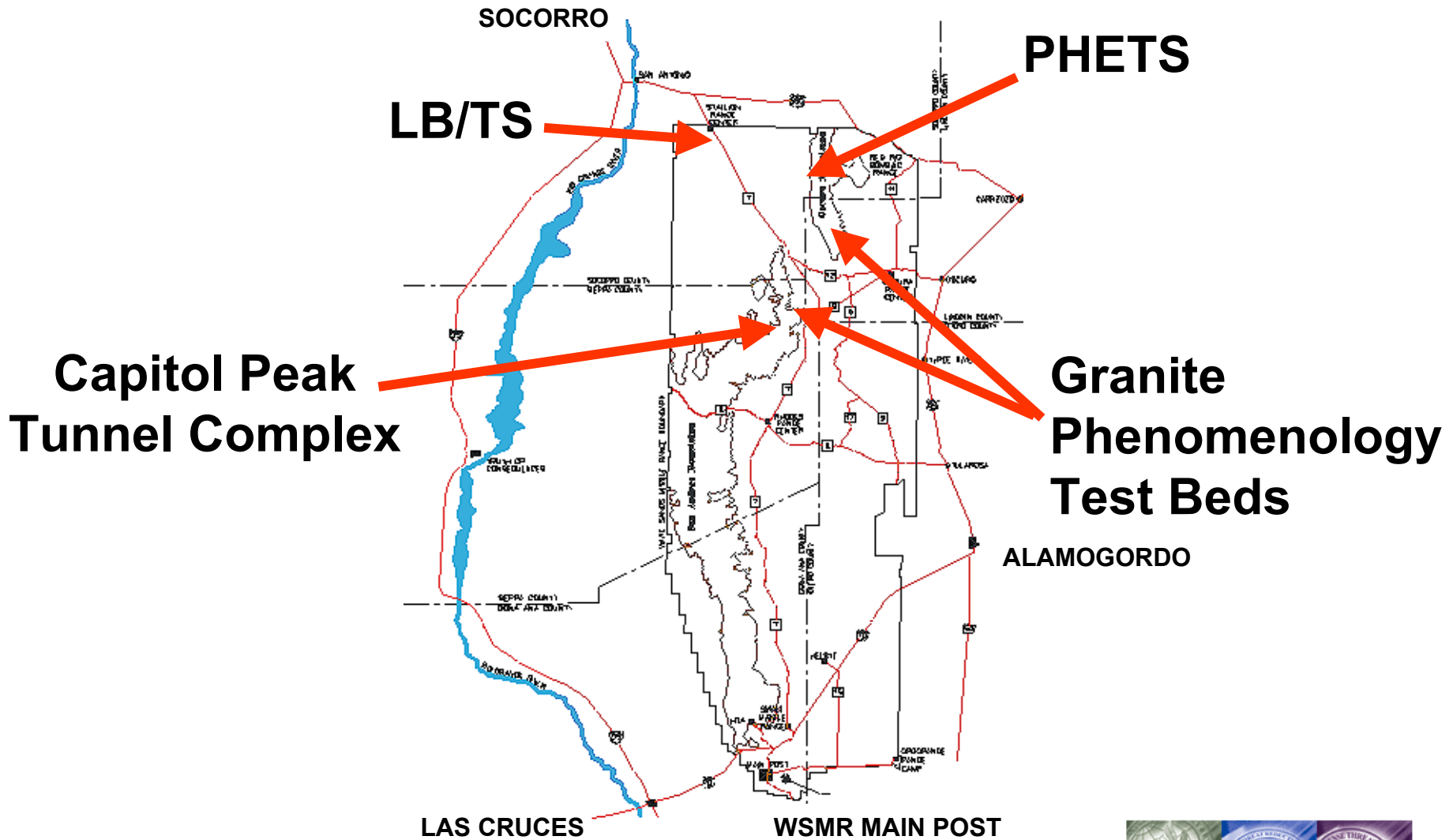


Large Test Structure



Component Test Structure-1 (CTS-1)

DTRA operates test beds at the northern end of WSMR



Current environmental approvals at WSMR limit DTRA testing

- Current Environmental Assessment (EA) limits Capitol Peak Tunnel Complex testing to use of bombs only
- Current EA limits frequency of chemical and biological warfare simulant use at PHETS test beds
- New weapons technologies not addressed
- Current space limited at granite phenomenology test beds



PEIS would support DTRA in proposed expansion of testing and related activities at WSMR

- Support use of chemical, biological, and radiological simulants with greater frequency and quantities than currently approved
- Support use of new weapon systems, such as cruise missiles and other precision weapons, at Capitol Peak Tunnel Complex
- Identify additional granite and limestone flat areas for blast and penetration phenomenology testing



PEIS would support DTRA in proposed expansion of testing and related activities at WSMR

- Broader geographical area coverage
- Continued operation/maintenance of test structures used as targets for weapon systems evaluations
- Construction of new test structures, enlargement of test beds, and development of new test beds
- Testing, operations and maintenance activities at tunnel targets
- Use of increased quantities and expanded selection of simulants
- Improved DTRA test operations support facilities

Alternatives under consideration: reduce the use of simulants and/or use alternate locations

- Reduce the proposed test program
 - Restrict the use of simulants and/or frequency of tests at each test bed
- Conduct some tests at other ranges
 - Only WSMR currently offers ability to test cruise missile operations against WMD targets
- No action alternative

DTRA is sensitive to potential concerns regarding use of simulants

- Need for WMD simulants
 - Actual chemical, biological, and radiological materials release is restricted by law
- WMD simulant characteristics
 - Mimic the physical and/or chemical properties of WMD warfare material
- Potential effects on the environment are evaluated and controlled as part of the PEIS

Environmental briefer

- Environment, Safety & Health Branch,
Albuquerque, Acquisition and Logistics Directorate



National Environmental Policy Act (NEPA)

- NEPA establishes broad national framework for protecting the environment
- Objective of environmental review process is to help public officials
 - Make informed decisions based on understanding environmental consequences of proposed actions
 - Take actions that protect, restore and enhance the environment



National Environmental Policy Act (NEPA)

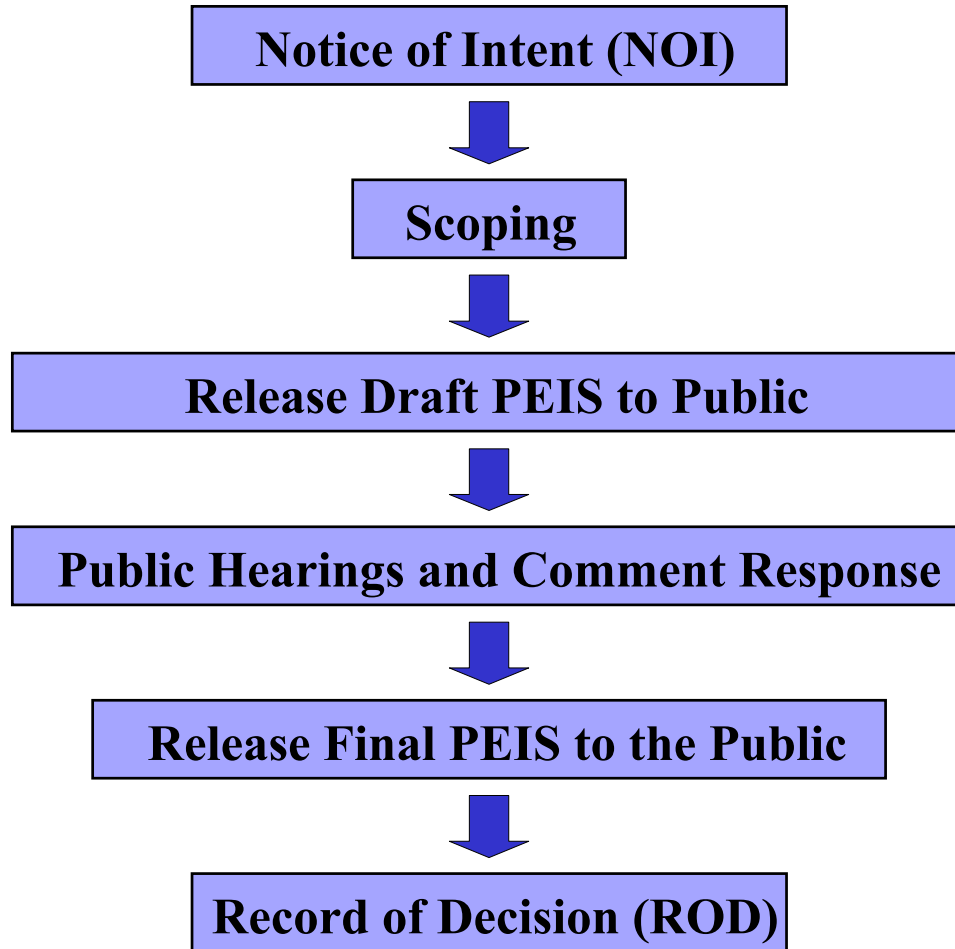
- DTRA role in the NEPA process
 - Lead federal agency for developing the PEIS
 - WSMR is a cooperating agency for this PEIS
 - May invite other federal agencies with specific regulatory oversight or technical expertise to be cooperating agencies

PEIS developed in accordance with NEPA and Council on Environmental Quality regulations

- A PEIS is a public document with the primary purpose of ensuring NEPA policies and goals are incorporated into the programs and actions of federal agencies
- The PEIS process provides the public a full and fair discussion of potential environmental impacts and an opportunity to review and comment on the proposal



NEPA process



What is the PEIS?

- Analyzes actions that:
 - Are broad in scope
 - Occur in phases
 - May be widely dispersed geographically
- Creates a comprehensive analytical framework
 - Supports subsequent analysis of specific actions at specific locations within the overall system, i.e., tiering
 - Conserves resources in terms of schedule and cost



The PEIS document will be comprehensive

- Cover sheet
- Summary
- Table of contents
- Purpose of and need for the action
- Alternatives considered, including proposed action
- Affected environment
- Environmental and socioeconomic consequences
- List of preparers
- Distribution list, index and appendices

The PEIS will consider a broad range of factors

- Air quality
- Airspace
- Biological resources
- Cultural and historic resources
- Environmental justice
- Geology and soils
- Hazardous waste and materials
- Health and safety
- Land use
- Noise
- Socioeconomic resources
- Transportation
- Utilities
- Visual resources
- Water resources



Development of the PEIS begins with informing the public and collecting their comments

- Publish Notice of Intent to prepare a PEIS in the Federal Register - Completed May 19, 2003
- Identify issues through public scoping meetings - August 12-14, 2003
- Prepare Draft PEIS - Planned: Fall 2003-Spring 2004
- File the Draft PEIS with Environmental Protection Agency (EPA) and post Notice of Availability in Federal Register - Planned: Summer 2004
 - Conduct public meetings for review and comment
 - 45-day comment period



The process is lengthy but necessary

- Prepare Final PEIS
 - Planned for Summer 2004-Spring 2005
 - Review, resolve and incorporate comments
- File Final PEIS with the EPA and post Notice of Availability in the Federal Register
 - Planned for Spring 2005
 - Wait 30 days after posting Notice of Availability
- Make, record, publish the record of decision
 - Publish news release of Final PEIS availability
- Proceed with action

Public involvement in the PEIS

- DTRA invites comments and questions throughout the entire PEIS development process
- Comments received during scoping will help DTRA:
 - Identify significant impacts
 - Eliminate insignificant issues
 - Identify public concerns
 - Ensure examination of full range of alternatives
- Comments received during public review of Draft PEIS will help DTRA:
 - Address impacts
 - Identify need for mitigation measures

Scoping

- Comments allowed at any time during scoping
- Scoping comments to DTRA must be post marked by September 15, 2003
- DTRA will categorize and analyze scoping comments received to determine:
 - Issues of priority
 - Level of detail to be included
 - Sources of information
 - Issues to be addressed and evaluated
- DTRA will consider all comments provided regarding the scope of issues to be analyzed in the Draft PEIS



Submitting scoping comments

- Oral comments
 - Speak during the scoping meeting
- Written comments
 - Submit written comments that you brought to the meeting
 - Use the written comment sheets at the registration table to write down comments and submit them this evening
 - Fax, mail or e-mail your comments

Contact information for scoping comments

- Mail comments to:
Defense Threat Reduction Agency
Public Comments ATTN: TDTS
1680 Texas Street SE
Kirtland AFB, NM 87117-5669
- Fax comments to:
(505) 846-9670
- E-mail comments to:
TDTS@ao.dtra.mil

To obtain additional information

- Visit the PEIS public involvement web site for additional information at:
<http://www.dtra.mil/td/dpeis/index.html>
- Telephone: DTRA Public Affairs (800) 701-5096

To view a copy of the future Draft PEIS

- Fill out a request sheet tonight to receive a paper copy of the Executive Summary or the entire document by mail
- Send an e-mail to TDTs@ao.dtra.mil to request a paper copy of the Executive Summary or the entire document
- Visit your local library to review a paper copy of the entire Draft PEIS
- Down load pdf version of entire Draft PEIS:
<http://www.dtra.mil/td/dpeis/index.html>



Thank you for participating

- DTRA encourages you to submit comments and questions at any time during development of the PEIS.

Comments, questions and answers

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DTRA

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**...by reducing the threat of
weapons of mass destruction**



Making the World Safer