

# PanTEx

## Nuclear Production Contract Pantex Tour

February 6, 2012  
Geoff Beausoleil  
Deputy Manager



# *General Overview of Topics*

- **Ground Rules for Tours and Q&A's**
- **Agenda**
- **Pantex Overview**
- **Production Outlook**
- **Pantex Funding Integration**
- **Nuclear Production Site Functions**
- **Prohibited and Controlled Items**



# *Ground Rules and Q and A's*

**Only the Source Evaluation Board (SEB) has the authority to change or clarify the Request for Proposal (RFP). Any information presented during the site tours that differs or may be viewed as a change to the RFP will not be considered an amendment to the final RFP..**



# *Ground Rules and Q and A's*

**Any questions during the site tours should be provided to your host and will be forward to the SEB for response on the SEB website. Questions can also the provided directly the SEB website.**



# Agenda

## Pantex/Y-12 w/SRTO Option Nuclear Production Contract Pantex Site Tour

**February 6, 2012**

**Security Notice:** Possessing transmitting, recording, electronic, or photographic equipment is prohibited without prior approval. These items include but are not limited to blackberrys, cell phones, laptop computers, palm pilots, portable tape players, tape and video recorders, cameras, and portable two-way radios. U.S. Government supplied blackberrys may be stored outside of the Pantex limited area in a designated storage lockers.

Time	Event	Participants	Description
7:30 a.m.	Check-In at Ashmore Inn for badging	Pre-registered Proposers  <u>PXSO Senior Staff</u> Geoff Beausoleil Karl Waltzer Gary Wisdom Mark Padilla Ken Hoar Carlos Alvarado David Nester	Badge Issuance



# Agenda Continued

Time	Event	Participants	Description
8:30 a.m.	<p>Ashmore Inn Conference Area</p> <p><b>Welcome/Introductions</b></p> <p><b>Plant Overview</b></p> <p>Led by Steve Erhart, Manager, PXSO</p>	<p>Pre-registered Proposers (cleared and uncleared)</p> <p>PXSO Senior Staff</p>	<ul style="list-style-type: none"> <li>•Ground Rules for Tour</li> <li>•Summary of Events and Agenda</li> <li>•Questions to be Posted to SEB on the Webpage</li> <li>•Status</li> <li>•Pantex Overview</li> </ul>
9:30 a.m.	<p><b>Load Buses, Drive to Pantex Plant, and Begin Tour</b></p> <p>Load in Classified and Unclassified tour buses Unclassified windshield tour of the Pantex Plant</p>	All	Provide general information about specific areas of the Plant (balance of plant utilities; Environmental Restorations; operational areas i.e. Zone 12, Zone 11, Zone 4, etc.; security training; burning grounds; firing sites; and administrative areas, etc.)
11:00 a.m.	<p><b>Tour Ends</b></p> <p>Unclassified Bus returns to Ashmore Inn and Classified Bus proceeds to Building 12-15</p>	All	<p>Questions to be captured on the SEB webpage by the proposers</p> <p>Dosimeters Issued</p>
12:00 p.m.	<p><b>Lunch Building 12-15</b></p>	<p>Proposers</p> <p>Geoff Beausoleil Karl Waltzer Carlos Alvarado</p>	Catered by Jason's Deli, Sandwich Spread cost TBD



# Agenda Continued

Time	Event	Participants	Description
1:00 p.m.	<b>Cocooning Security Screen Building 12-15</b>	Q-Cleared Proposers (2 per company)  PXSO Senior Staff	Index Cards provided for classified tour, questions to be addressed by the SEB and posted in the Classified Reading Room at the Forrestal Building in DC
2:00 p.m.	<b>Leave for MAA Facilities</b>  Classified Tour of MAA Facilities	Q-Cleared Proposers (2 per company)  PXSO Senior Staff	Bay and Cell Access Building 12-84 Building 12-98
2:15 p.m.	<b>Cocooned Access to MAA Facilities</b>	Q-Cleared Proposers (2 per company)  PXSO Senior Staff	
4:00 p.m.	<b>Return to Building 12-15</b>	Q-Cleared Proposers (2 per company)  PXSO Senior Staff	Collect Index Cards with Questions
4:30 p.m.	<b>Depart Building 12-15</b>  Load buses and return to Ashmore Inn	Q-Cleared Proposers (2 per company)	
5:00 p.m.	Adjourn	All	



# **PANTEX VISION**

# **SECURING AMERICA**



As the NNSA's production integrator and provider of the nuclear deterrent to the DoD; serving the Nuclear Security Enterprise through our Highly Reliable people, processes, infrastructure, and business systems.



# PANTEX MISSIONS



## NATIONAL SECURITY

- Safeguards & Security
- Non-Proliferation
- Stewardship
  - Environmental
  - Infrastructure
  - Human Capital
  - Energy

## NUCLEAR EXPLOSIVE OPERATIONS

- Life Extension
- Surveillance
- Dismantlement

## NUCLEAR MATERIAL OPERATIONS

- Storage
- Surveillance
- Reuse/  
Requalification

## HIGH EXPLOSIVE OPERATIONS

- Manufacturing
- Surveillance
- Testing

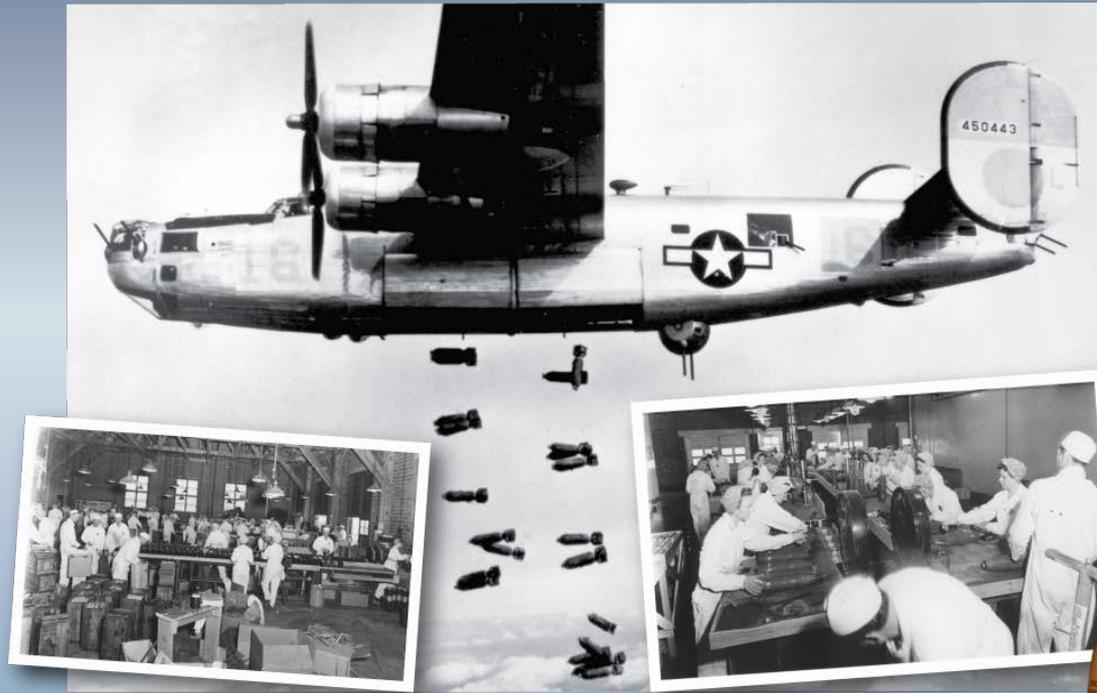


**DOE owns the northern 12,000 acres of the site, and leases the remaining 6,000 acres from Texas Tech University.**

- 18,000 acres – 15 square miles
- Most Plant operations conducted on about 2,000 acres



# A PROUD HISTORY OF SERVICE TO OUR NATION



**1942** – Last of 14 bomb-loading plants constructed during WWII. Produced 250 and 500 Pound Bombs during WWII. Peak Employment 5,254 (60% female).

**1945** – Pantex closed

**1947** – Texas Technological College established agricultural research farm.

**1951** - Pantex recaptured by the AEC and refurbished by Mason & Hanger for nuclear

weapons work.

**1951** – Proctor and Gamble Defense Corporation named operating contractor.

**1956** – Mason & Hanger became second operating contractor.

**1990's** – Mission Shift

**2001** – BWXT Pantex assumed Management.



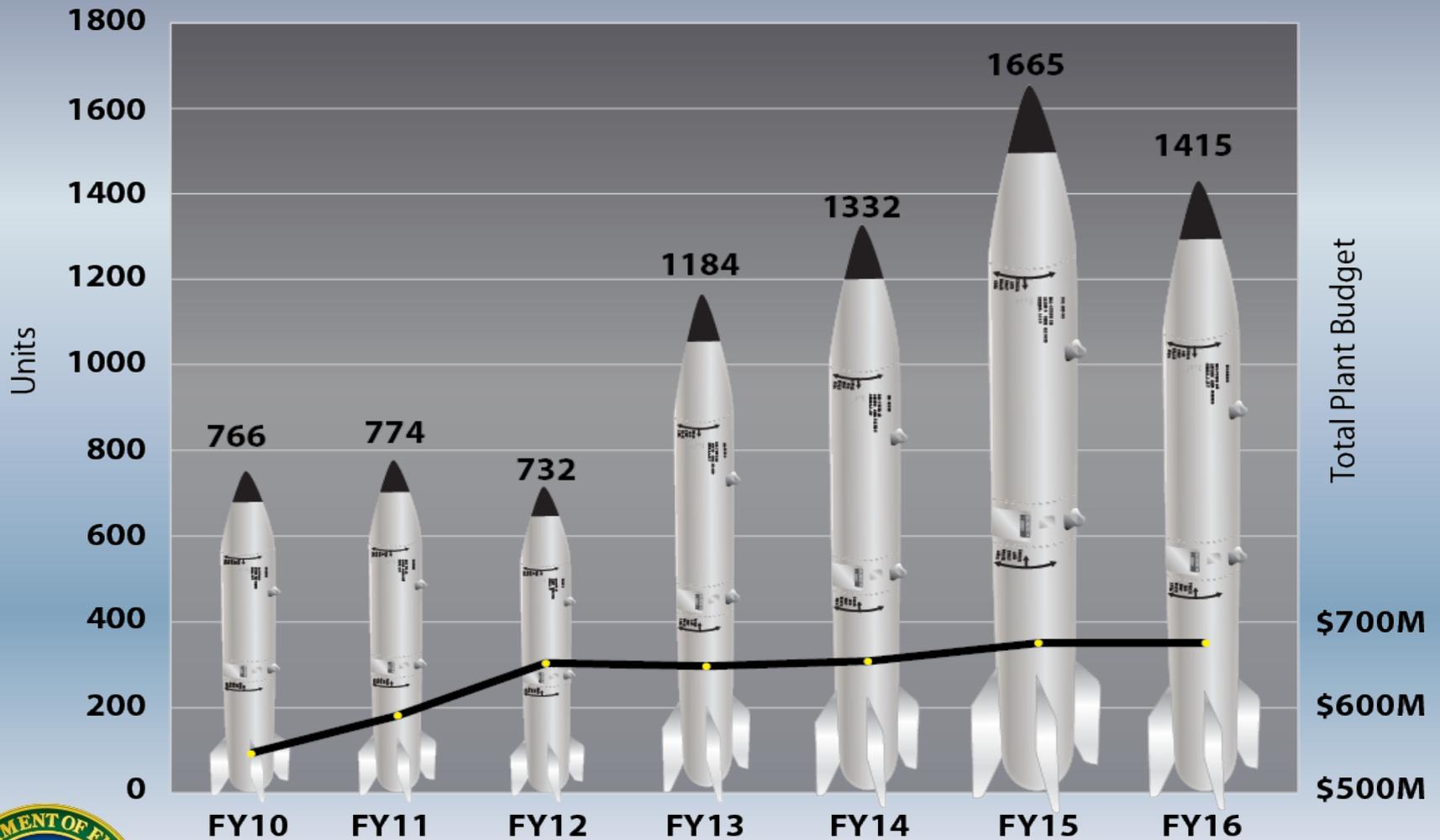
# Authorized Weapons System

	FY11 Status		FY11 Status
B53		W80	
B61		B83	
W62		W84	
W76-0		W87	
W76-1		W88	
W78			

	Authorized
	Completed



# FUTURE MISSION WORKLOAD



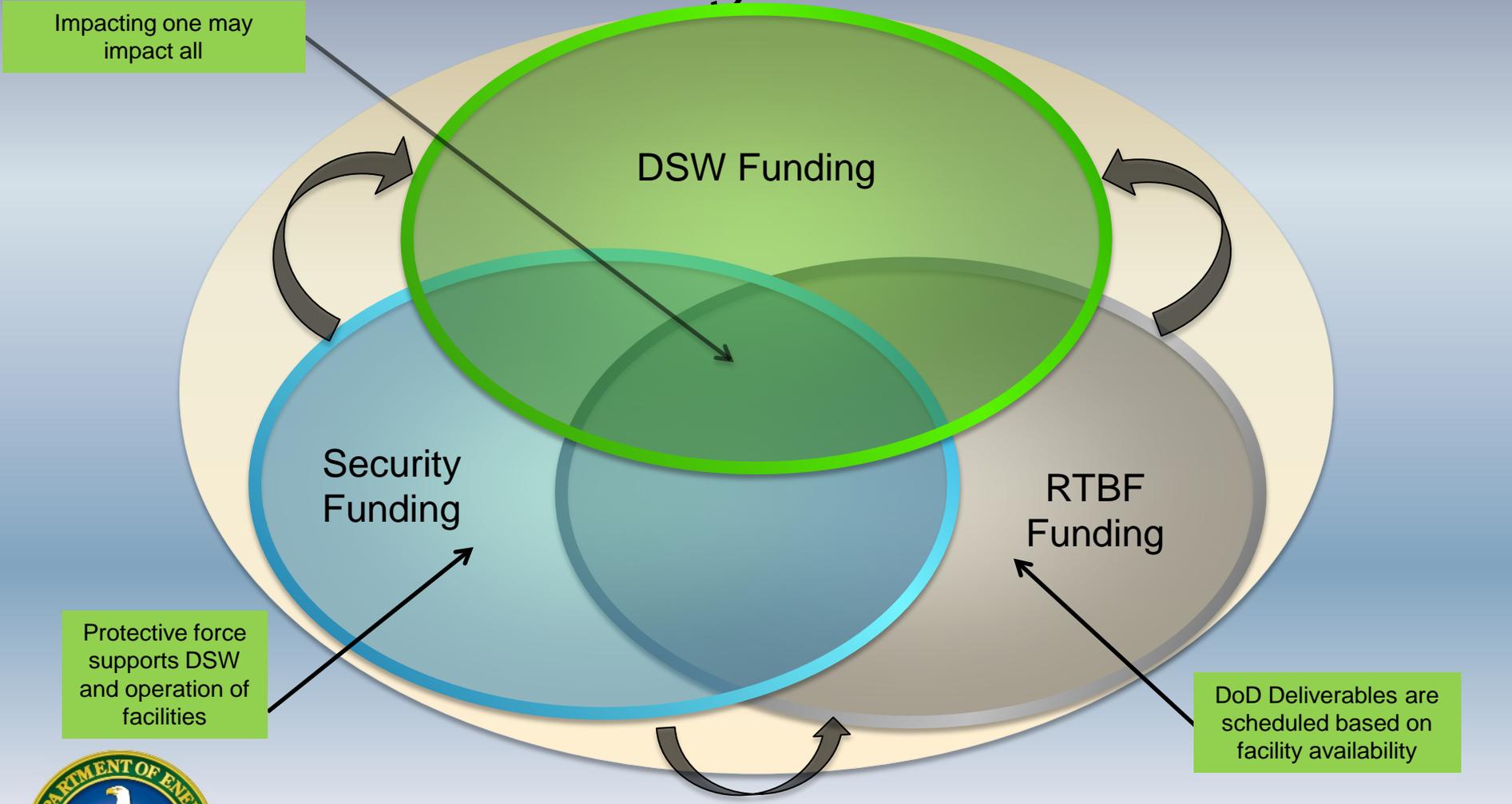
# GETTING THE JOB DONE

- Produce and deliver all required limited life components to ensure an effective deterrent.
- Successfully complete surveillance plans and assess the stockpile.
- Execute W76 LEP production recovery schedule to meet Navy deployments.
- Execute an NWC approved B61 Life Extension Program.
- Meet or exceed planned dismantlement quantities.
- Implement the Defense Programs Plan for governance reform across the Enterprise to improve mission execution, and safety and security performance.
- Achieve ignition on the NIF.
- Achieve advances in experimental and computational tools used in resolving Significant Finding Investigations and in supporting LEP activities associated with early phase primary implosion.
- Execute the plan for subcritical experiments at U1a.
- Achieve milestones for critical plutonium (CMRR-NF) and uranium (UPF) facilities.
- Achieve Predictive Capability Framework commitments, and populate Component Maturation Framework with technologies required to meet Stockpile Stewardship Management Plan objectives and goals for the stockpile.



2012

# All Major Funding Sources At Pantex Are Closely Integrated



# *Uniquely Federal NNSA Site Office responsibilities include the following*

- **Budgeting/PPBE**
- **Federal Workforce Management**
- **Contracting/Procurement**
- **Set Standards/Monitor Performance through Governance Transformation**
  - Nuclear Safety
  - Industrial Safety
  - Quality Assurance
  - Quality Control
  - Security
- **Environmental**
  - Permitting
- **Program Management**



# *Prohibited Items*

- **Searches of vehicles and hand-carried items entering the site are required to prevent espionage, sabotage, theft, or disruption to the mission**
- **Security Police Officers are authorized to deny access to any area of the site and to detain individuals for appropriate Law Enforcement action when needed**
- **Remain with your tour group at all times and within control of your escorts and the Security Police Officers**



# *Prohibited Items Continued*

**The following items are examples of prohibited items that are NEVER allowed on-site:**

- Alcohol
- Ammunition
- Arrows
- Blackjacks
- Chemical dispensing devices for pepper spray, mace, etc.
- Clubs (for items like golf clubs, see Controlled Items list)
- Compounding bows
- Controlled substances
- Crossbows
- Drug paraphernalia
- Drugs (prescriptions are allowed as long as they are prescribed for the employee who is using them)
- Explosives
- Explosives
- Explosive devices
- Fertilizer
- Firearms
- Illegal drugs
- Items that could be used to manufacture explosives
- Knives with blade length exceeding 3 inches
- Knuckles
- Nightsticks
- Nun chucks
- Stun guns
- Swords
- Zip guns

**Note: Intoxicated personnel are not authorized access under any circumstances. Individuals attempting to gain access while intoxicated are subject to disciplinary action and possible prosecution.**



# *Controlled Items*

- **Some types of personal property are allowed to be brought on site, but they must remain in personal vehicles in the Property Protection Area.**
- **Individuals attempting to enter a Security Area with any unapproved controlled items will be denied access and possibly be detained until Security Management is notified and appropriate response actions are complete.**



# *Controlled Items Continued*

The following list includes examples of controlled items that are allowed on-site but **MUST** remain in personal vehicle or be specifically approved prior to entering the Security Area:

- All portable electronic devices or any device that has the capability of storing, transmitting, or generating data, such as:
  - Bluetooth devices
  - Blackberries
  - Calculators
  - Cameras
  - Cellular telephones
  - Cellular wireless cards
  - Flash media
  - Global Positioning Systems (GPS)
  - iPods
  - Jump drives
  - MP3 players
  - On-Star
  - Personal computers including laptops
  - Personal gaming machines (Nintendo DS, PSP's, etc.)
  - Personal software
  - Pocket computers
- Radio frequency (RF) devices (Note: key fobs ARE allowed except in Nuclear Explosive Areas)
- Recording devices (optical, video, audio, or data)
- Watches with data ports
- XM or Sirius radio receivers with recording capabilities
- Copying devices
- Reproduction devices
- Matches, lighters, or other flame-producing devices
- Personal sporting equipment such as:
  - Golf clubs
  - Rackets
  - Softball bats
- Flammable liquids in small quantities (less than 10 gallons)
- Tools such as
  - Gardening
  - Mechanical

