

Presentation to the Northern New Mexico Citizens' Advisory Board

LANL 3,706 Transuranic Waste Campaign

Dan Cox
Deputy Associate Director for
Environmental Programs
January 5, 2012

LANL TRU Campaign Background

Technical Area 54 Material Disposal Area G



LANL TRU Campaign Approach

ORGANIZE
THE
INVENTORY



PROCESS
BASED ON
WASTE
CHARACTERISTICS



CHARACTERIZE,
CERTIFY
AND
SHIP



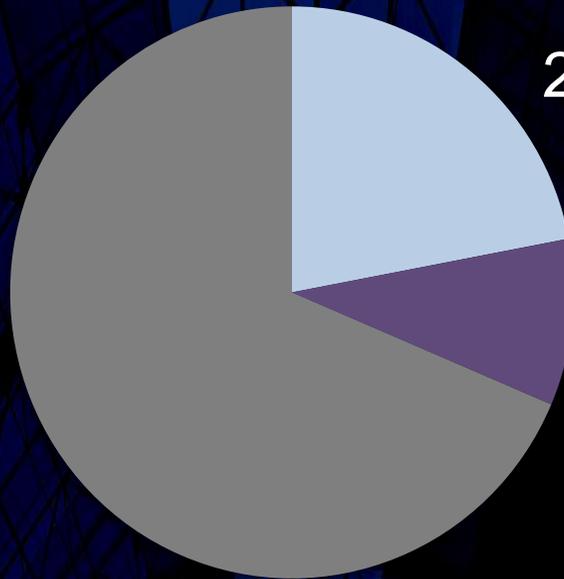
LANL TRU Campaign Scope

3,706 Cubic Meters
Removed
By
June 30, 2014

70%
Oversized
Containers

20% Drums

10%
Standard
Waste Boxes



- Drums
- Standard Waste Boxes
- Oversized Containers



LANL TRU Campaign Existing Capabilities

Drums



Store Safely



Pre-Screen
for
Prohibited Items



Remediate
and
Repackage



Characterize
and
Certify



Build Payloads
and
Ship

High Efficiency
Neutron Counter

Real Time
Radiography

Waste
Characterization,
Reduction, and
Repackaging
Facility

Dome 231
Permacon
(FY 12 Only)



LANL TRU Campaign New Capabilities

Oversized Containers

Store Safely



Remediate
and
Repackage



Characterize
and
Certify



Build Payloads
and
Ship



Building 412
Box Line

Dome 231
Permacon
Box Line

Dome 375
Box Line
(FY13)

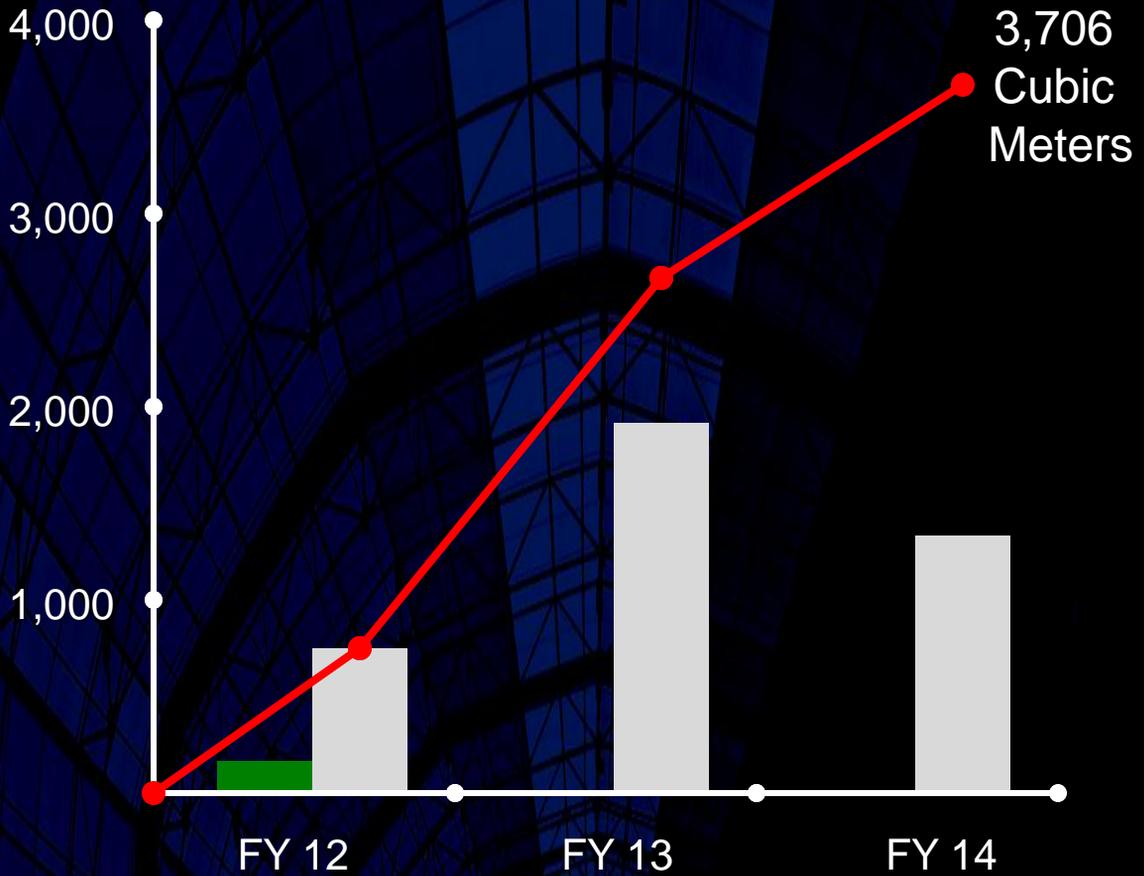
“Super”
High Efficiency
Neutron Counter

High Energy
Real Time
Radiography



LANL TRU Campaign Schedule

TRU Waste Removed



-  Cumulative Removed
-  Cubic Meters Planned
-  Cubic Meters Actual