Presentation to the Northern New Mexico Citizens’ Advisory Board

LANL 3,706 Transuranic Waste Campaign

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LANL TRU Campaign
Background

Technical Area 54
Material Disposal Area G
LANL TRU Campaign Approach

ORGANIZE THE INVENTORY

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PROCESS BASED ON WASTE CHARACTERISTICS

↓

CHARACTERIZE, CERTIFY AND SHIP
LANL TRU Campaign Scope

3,706 Cubic Meters Removed By June 30, 2014

- 20% Drums
- 10% Standard Waste Boxes
- 70% Oversized Containers

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

“Super” High Efficiency Neutron Counter

High Energy Real Time Radiography

"LANL TRU Campaign New Capabilities"