3706 TRU Waste Campaign Completion and Follow-On Framework Campaigns

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Operated by Los Alamos National Security, LLC for the U.S. Department of Energy’s NNSA
Our Mission

“Clearing the Deck” of TRU waste during FY’s 2012, 2013 and 2014

- 3,706 cubic meters of legacy waste
- 4,495 containers
- Ship 41,085 cumulative plutonium-239 equivalent curies of MAR off site

3,706 goal vs. progress thru 2/2/2014
Status of 3,706 Campaign

MAR, Total 3,706 Campaign (Cumulative Goal 41,085 PE-Ci)

- Remediation Planned: 3%
- In Characterization: 3%
- In Certification: 3%
- Approved in WDS: 6%
- Removed/Shipped: 85%

Volume, Total 3,706 Campaign (Cumulative Goal 3,706 m³)

- Remediation Planned: 7%
- In Characterization: 4%
- In Certification: 3%
- Approved in WDS: 3%
- Removed/Shipped: 84%

Status on 2/2/2014
LANL Planned TRU Waste Disposition Timeline

**Above Ground**
- **3706 TRU Campaign**
- **Characterize Newly Generated TRU Waste in Area G**
- **Remove FY12 & 13 Newly Generated Waste**
- **New TRU Facility Operational (Early Finish)**
- **Characterize Newly Generated Waste in New TRU Facility**
- **Remove Non-3706 Above Grade Inventory (Reduce Risk)**

**Below Ground**
- **Trenches A-D Removal**
- **Pit 9 Removal**
- **CMP Disposition**
- **40 CFR 191 Modeling/Analysis**
- **NEPA Process for Below-Grade TRU**
- **NEPA Process for Remaining below ground TRU**
- **Federal Decision Point for 33 Shafts**
- **Capital Project CD1, 2, and 3 (if needed)**
- **Hot Cell Liners, Tritium Tanks & 17th RH Canister**
- **Shaft Retrieval (2022) (if needed)**

* Annual Targets: FY12-FY14 “3706 Campaign”; FY15-FY18 “Below-Ground” (6 waste streams)
Key Elements of FY14 Plan

- Ship remaining 578 m³ in 3,706 campaign
  - Remediate remaining boxes and drums
    - WCRRF and Bldg. 412 for drums
    - 231 and 375 for boxes
  - Multiple Shift Operations to end of 3,706 containers

- Complete FY12 and FY13 newly-generated shipments

- Begin remediation of above-ground Non-3706 waste

- Begin retrieval of CMPs category of below-ground TRU waste

- Assist TA-55 with repackaging needs
Key Elements of FY15 Plan

- Complete remediation and shipping of above-ground non-3706 waste
- Complete retrieval, remediation and shipping of CMPs category of below-ground TRU waste
- Begin retrieval of Pit 9 and Trenches A-D categories of below-ground TRU waste
3706 TRANSURANIC WASTE CAMPAIGN

New Mexicans working together to meet a national environmental challenge