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DEPARTMENT OF ENERGY  
National Nuclear Security Administration  
Los Alamos Field Office  
Los Alamos, New Mexico 87544

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OCT 11 2013

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Mr. Tom Blaine, Director  
Environmental Health Department  
New Mexico Environment Department  
P.O. Box 5469  
Santa Fe, NM 87502-5469

OCT 15 2013

NMED  
Hazardous Waste Bureau

Dear Mr. Blaine:

Subject: Transmittal of 3,706 TRU Campaign Fiscal Year 2013 Fourth Quarter Status Reports

Please find for your review the enclosed Los Alamos National Laboratory (LANL) 3,706 Transuranic (TRU) Campaign Status Report for the fourth quarter of Fiscal Year 2013. Due to lack of appropriations, the LANL Water Protection Status Report for the same period is not available and will not be submitted.

As discussed in the past, maintaining public transparency in the 3,706 TRU Waste Campaign is of the utmost importance to the Department of Energy, Los Alamos Field Office. The enclosed quarterly status report will be highlighted from a link on the LANL website and available for the public's review by October 15, 2013.

The site continues to make outstanding progress removing waste and reducing risk. The Lab has removed a cumulative total of 2,745.6 m<sup>3</sup> of waste as of the end of September 2013, exceeding the FY13 Campaign milestone of 2,600 m<sup>3</sup> by 145.6 m<sup>3</sup>. That equates to 76 percent of the campaign's Material at Risk (MAR) being removed from the site, representing a significant risk reduction.

You will find a new metric added to the attached quarterly report which represents the status of the FY12 and FY13 newly generated portion of the Campaign. The Lab is pleased to share that of the 473 containers of newly generated received in FY12, only 26 (5.5 percent) remain to be shipped and of the 540 containers received in FY13, only 137 (25.4 percent) remain to be shipped.

We look forward to continued success of this important work for Los Alamos as well as the State of New Mexico. If you have any questions, please contact David Nickless of my staff at (505) 665-6448.

Peter Maggiore  
Assistant Manager  
Environmental Projects Office

Enclosure



cc w/enclosure:

John Kieling

Chief

Hazardous Waste Bureau

New Mexico Environment Department

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EPO-32DN-526-540859

LANL 3,706 TRU Campaign Status Report – FY13 4th Qtr. (July thru Sept. 2013)

**Processing Highlights**

**RANT (Shipping Facility):**

- Completed 63 shipments this Quarter for a cumulative total of 416 shipments to WIPP since the beginning of the Campaign in October 2012.
- Shipped a cumulative total of 76% of the total Material at Risk (MAR) for the Campaign.

**WCRRE (High Activity Drum Line):**

- The repackaging line has performed remediation on 1,119 drum equivalents (DE's) since the beginning of the Campaign.

**Building 375 (Box Line):**

- Throughout the Campaign, Box Line 375 has remediated 587.9 m3 of Legacy TRU Waste.
- Continued 24 hour operations during this quarter.

**Dome 33 (Drum Venting):**

- With completion of the drum venting for this Campaign during the 3rd Quarter of FY13, the LANL portion of the drum venting team was assigned to other 3,706 work.

**Building 412 (Box Line):**

- Throughout the Campaign, Box Line 412 has processed 576.4 m3. (Governor's Goal parent volume processed only).
- Completed re-tooling/start-up for drum processing.

**Dome 231 (Box Line):**

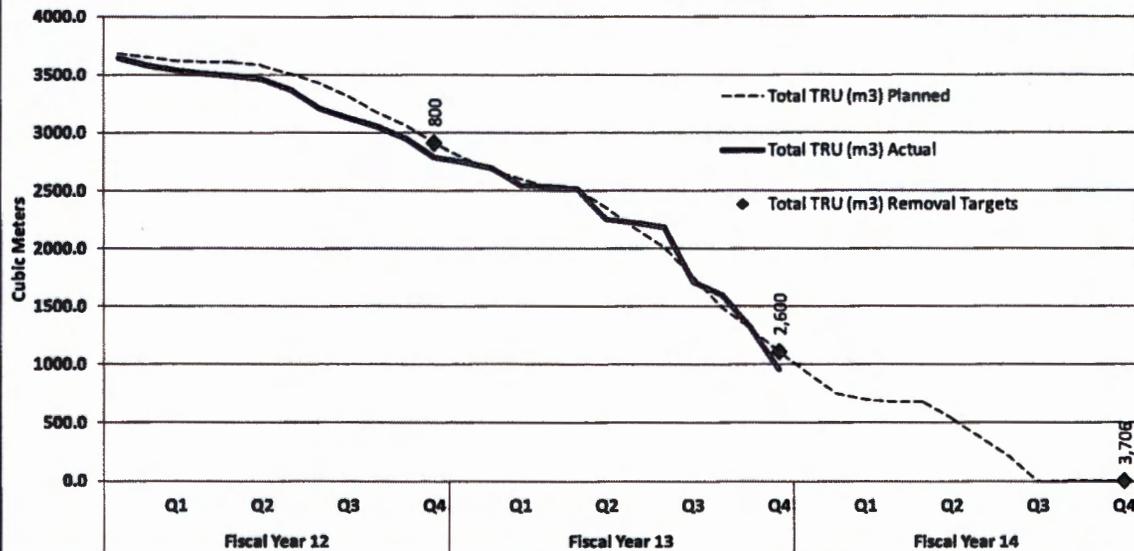
- Throughout the Campaign, Box Line 231 has processed 587.7 m3. (Governor's Goal parent volume processed only).
- Continued 24 hour operations and processing Hazard Category III boxes.

**Central Characterization Project (CCP):**

- Throughout the Campaign, CCP has fully characterized 15,255 containers to the WIPP Waste Acceptance Criteria.
- During the FY13 4th Qtr., the CCP fully characterized 1,101 containers.

TRU Volume Removed		FY2012 thru 09/30/13				PROJECTIONS FOR NEXT QUARTER *			
SHIPMENTS * (as of 09/30/13)		2014 Goal	2012 Actual	FY2013 Q4 Actual to Date	Cumulative Actual to Date	% Complete	Q1 Forecast	Cumulative at End of Quarter	Cumulative % Complete
							3,706 TRU Campaign	Volume (m3)	3706.0
	Drum Equivalents	17817.3	4423.3	3615.5	13200.0		1960.6	18270.6	
	Radioactivity (PE CI)	41510.7	23075.2	2902.5	31332.9	76%	351.6	34090.1	82%

**3,706 LANL TRU Campaign Performance**  
(Target = 3,706 m3; Remaining = 960 m3)



<p><b>Parent vs. Shipped Volumes</b></p>	<p><b>MAR Removal - Total Campaign</b></p> <p>Note: Volumes and percentages are rounded to nearest whole number.</p>	<p><b>FY12 Newly Generated</b></p>
<p><b>3,706 Goal vs. Progress (Volumes)</b></p>	<p><b>3,706 TRU Campaign Cumulative Progress</b></p> <p>* = Parent Volume ** = Material at Risk PE-CI = Plutonium Equivalent Curies</p>	<p><b>FY13 Newly Generated</b></p>