

# Solid Waste Stabilization and Disposition (RL-0013)/Nuclear Facility D&D, River Corridor Closure (RL-0041)/Operate Waste Disposal Facility (RL-0080)/SNF Stabilization and Disposition Storage Ops (HQ-0012X)

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*The first Standard Waste Box  
being loaded into a TRUPACT*



## Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition*; RL-0041, *Nuclear Facility D&D, River Corridor Closure*; RL-0080, *Operate Waste Disposal Facility*; and HQ-0012X, *SNF Stabilization and Disposition Storage Operations*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of February 2006.

## Notable Accomplishments

**Transuranic (TRU) Waste Program:** The first Standard Waste Box was loaded into a TRUPACT, and shipments scheduled to resume in late March. A backlog of 403 cubic meters (m<sup>3</sup>) (140 payloads) of certified waste was available for shipment as of March 9, 2006.

**Mixed Low Level Waste (MLLW):** Dispositioned 28.6 m<sup>3</sup> of Mixed Low-Level Waste during February for a cumulative total of 4,992 m<sup>3</sup>. Continued to support recovery efforts with PEcoS following two recent contamination events.

**Liquid Waste Processing:** Began receiving purge water at the 200 Area Effluent Treatment Facility (ETF) Load-In Facility.

**Canister Storage Building Operations:** Received the first of a planned ten Fast Flux Test Facility (FFTF) Interim Storage Casks at the Canister Storage Building.

## FY 2006 Funds vs. Spend Forecast (\$M)

	Projected FY 2006 Funding	FY 2006 Fiscal Year Spend Forecast	Variance
<b>RL-0013</b> Solid Waste Stabilization & Disposition	\$ 164.0	\$ 165.3	\$ -1.3
<b>RL-0041</b> Nuclear Facility D&D, River Corridor	\$ 2.4	\$ 2.4	\$ 0.0
<b>RL-0080</b> Operate Waste Disposal Facility	\$ 3.4	\$ 2.8	\$ 0.6
<b>HQ-0012X</b> SNF Stabilization & Disposition	\$ 1.6	\$ 1.6	\$ 0.0
<b>Total</b>	<b>\$ 171.3</b>	<b>\$ 172.2</b>	<b>\$ -0.8</b>

## FY 2006 Schedule/Cost Performance (\$M)

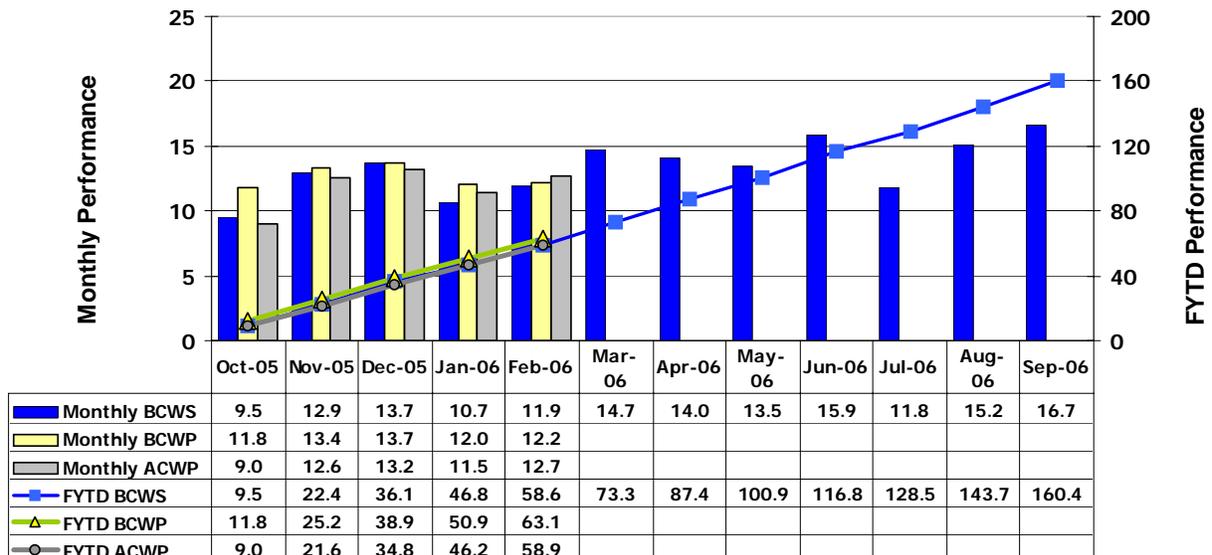
		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0013	Solid Waste Stabilization & Disposition	\$56.4	\$60.9	\$57.1	\$4.5	8.0%	\$3.8	6.2%	\$153.8
RL-0041	Nuclear Facility D&D, River Corridor Closure	\$0.9	\$0.9	\$0.8	\$0.0	0.7%	\$0.1	5.8%	\$2.4
RL-0080	Operate Waste Disposal Facility	\$0.9	\$0.9	\$0.7	\$0.0	0.0%	\$0.2	21.6%	\$2.8
HQ-0012X	SNF Stabilization and Disposition	\$0.5	\$0.5	\$0.3	\$0.0	0.0%	\$0.2	41.2%	\$1.3
<b>Total</b>		<b>\$58.6</b>	<b>\$63.1</b>	<b>\$58.9</b>	<b>\$4.5</b>	<b>7.1%</b>	<b>\$4.2</b>	<b>6.7%</b>	<b>\$160.4</b>

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

**Schedule Performance (+\$4.5M/+7.1%):** The positive schedule variance in RL-0013 is due to TRU waste certification ahead of schedule, and Carlsbad Area Field Office approval of previously processed Standard Waste Boxes (SWBs), offset by continued weather-related delays and degraded container conditions in TRU Retrieval.

**Cost Performance (+\$4.2M/+6.7%):** The positive cost variance in PBS RL-0013 is due to production efficiencies with higher volumes in the TRU Program, and certification of previously processed SWBs, offset by reduced production in TRU retrieval due to weather and degraded container conditions.

### Performance Analysis FYTD and Monthly (\$M)



## Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comment
M-91-40C (WMG-06-002)	Retrieve a cumulative 2,700 m <sup>3</sup>	TPA	12/31/05	7/21/05		Complete
M-91-42B (WMG-06-013)	Treat a cumulative 3,260 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/05	12/7/04		Complete
M-26-01P	Submit Annual LDR Report	TPA	4/30/06		4/28/06	On Schedule
M-91-45C	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/06		9/29/06	On Schedule
M-16-93	Workplan for preparation of TRU/TRUM Waste	TPA	9/30/06		9/29/06	On Schedule
M-91-40D (WMG-07-002)	Retrieve a cumulative 4,700 m <sup>3</sup>	TPA	12/31/06		9/29/06	Ahead of Schedule
M-91-40R (WMG-07-003)	Complete Retrieval of Trench 4, Burial Ground 218-W-4C	TPA	12/31/06		12/29/06	On Schedule
M-91-42C (WMG-07-004)	Treat a cumulative 4,890 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/06		12/29/06	On Schedule
M-91-12	Complete thermal treatment of a cumulative 600 m <sup>3</sup> of CH-MLLW	TPA	11/16/07		11/16/07	On Schedule