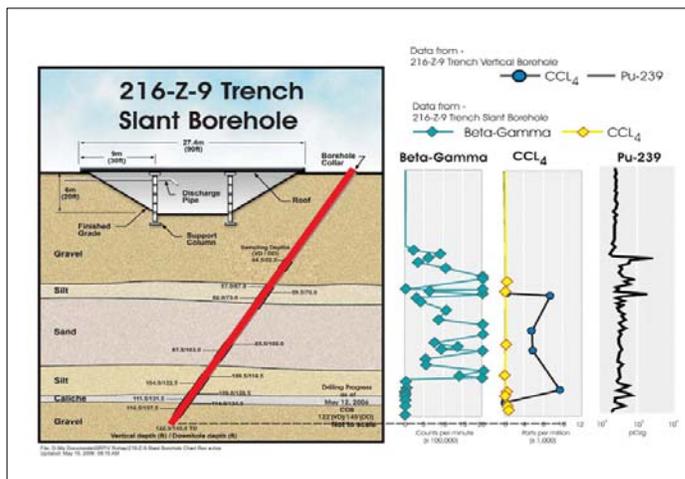


Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford (RL-0040)

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The 216-Z-9 Trench Slant Borehole reached total depth (145 ft. down hole) on May 15, 2006



L-325, A-8 Substation, a year ago



L-325, A-8 Substation, today

Overview

This section addresses Project Baseline Summary (PBS) RL-0040, *Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford*. There are two major components to this work scope:

- Central Plateau Remediation (CPR) (M. B. Lackey), and
- Reliability Projects (R. G. Slocum).

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

Notable Accomplishments

PBS RL-0040, Nuclear Facility D&D, Remainder of Hanford

Remediation Projects:

U Plant Waste Sites Remediation

- Began excavation of Phase II of 200-W-42 up to the U-Pant Canyon in accordance with 200-UW-1 U Plant Waste Sites Action Memorandum (AM)



Closure Projects

- 216-Z-9 Slant Borehole (200-PW-1 Plutonium/Organic Rich Waste Group)
 - The slant borehole reached total planned depth (145 ft. down hole) on May 15, 2006
 - Eleven of twelve soil samples collected for laboratory analysis
 - Seven of nine soil vapor samples collected and analyzed using field screening instruments



Reliability Projects:

- Project L-325, Phase 1, A-8 Substation Construction was completed on April 18, 2006.
 - New substation has been energized, placed in normal operating mode, and is providing electrical power to 200 East and West Area customers



L-325, A-8 Substation, a year ago



L-325, A-8 Substation, today

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

	Projected FY 2006 Funding	FY 2006 Fiscal Year Spend Forecast	Variance
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$ 66.1	\$ 63.8	\$ 2.3
Total	\$ 66.1	\$ 63.8	\$ 2.3

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-0040 Nuclear Facility D&D, Remainder of Hanford	\$28.3	\$33.8	\$27.0	\$5.5	19.6%	\$6.8	20.2%	\$54.8
Total	\$28.3	\$33.8	\$27.0	\$5.5	19.6%	\$6.8	20.2%	\$54.8

Numbers are rounded to the nearest \$0.1M.

Schedule Performance (+\$5.5M/+19.6%):

The favorable schedule variance (SV) for Central Plateau Remediation (CPR) (+\$1.2M) is primarily due to close out of post contract period no action waste sites (+\$1.8) and completion of FY 2005 carry over work scope: PUREX NESHAPs, B Plant filter change out, Haul Road Construction, and Ecological Sample Analysis (\$1.2M). The favorable variance is offset by delays in 200-UW-1 to install electrical power to support barrier monitoring (-\$0.3M), Data Quality Objectives (DQOs) for model groups (-\$0.1M), drilling at 216-Z-9 slant borehole (-\$0.2M), restarting the FS for 200-LW-1, 200 Area Chemical Lab Group (-\$.1M), the DQO and Phase II surface investigation for 200-SW-1, Non-Radioactive Landfills and Dump Group (-\$0.6M), the DQO and follow on characterization for 200-IS-1, Tanks/Boxes/Pits/Lines Group (-\$0.4M), and submittal of the 218-W-4B Sampling and Analysis Plan (SAP) (-\$0.2M) due to resources supporting other project work scope. The completion of the 200-UW-1 barrier monitoring, Model Group DQOs, the 216-Z-9 slant borehole, and the 218-W-4B SAP are recoverable. Work scope is projected to carryover into FY 2007 for 200-SW-1 and 200-IS-1 field work.

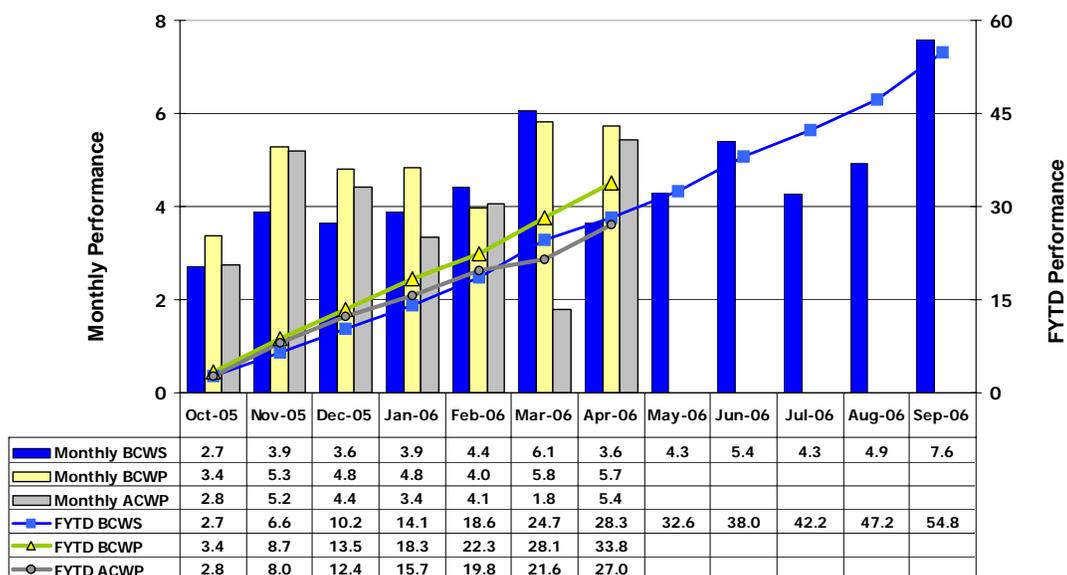
The favorable SV for Reliability Projects (+\$4.3M) is primarily due to progress on prior year carryover work scope: Project L-325, "A-8 Substation" completed April 18, 2006 (+\$5.0M), Project L-334, "Minimize Potential Environmental Impact from Export Water System Ruptures," forecast for completion July 2006 (+\$0.4M), Project L-580, "Trunking Hanford's Secured Radio System," forecast for completion June 2006 (+\$0.1M), and Project L-304, "Hanford Site Emergency Alerting System" (+\$0.5M), completed earlier this fiscal year. This is offset by delay in award of contract for Project L-573, "Closure Support Facility" (-\$0.4M), and Project L-325A, "Tie Line from A-8 to A-7" (-\$1.4M), delays due to environmental regulatory requirements and unavailability of survey group resources to perform design modifications.

Cost Performance (+\$6.8M/+20.2%):

The favorable cost variance (CV) for CPR (+\$6.8M) is primarily the result of closing out post-contract period no action waste sites at no cost (+\$1.8M), efficiencies in the haul road construction (+\$0.3M), S&M (+\$0.3M), and PM&S (+\$0.4M), and a variance distribution for PBS RL-40 (+\$3.4M).

The CV for Reliability Projects (-\$0.3M) is within thresholds; therefore no explanation is required.

Performance Analysis
FYTD and Monthly (\$M)



Milestone Achievement

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
WMG-06-001 M-091-40L-008	M-91-40L.2.D Submit Quarterly Burial Ground Vent and substrate Sample	HQ	12/01/05	11/08/05		Completed ahead of schedule
TRP-04-324	Issue Action Memorandum for U Plant Ancillary Facilities	RL	12/31/05	01/23/04		Completed ahead of schedule
TRP-04-323	Issue Record-of-Decision for Canyon Disposition Initiative	RL	12/31/05	10/03/06		Completed ahead of schedule
TRP-03-260 M-015-46A	200 Area Chemical Lab Waste OUs Remedial Investigation Report.	HQ	02/28/06	02/28/06		Completed on schedule
WMG-06-005 M-091-40L-009	M-91-40L.3.A Submit Quarterly Burial Ground Vent and substrate Sample	HQ	03/15/06	02/09/09		Completed ahead of schedule
TRP-03-248 M-020-39	Submit 216 S-10 Pond and Ditch Closure Plan to Ecology	HQ	03/31/06	03/30/06		Completed ahead of schedule
TRP-03-245 M-015-39C	Submit 200-CS-1 Chemical Sewer Group FS and Submit PP/Proposed RCRA Permit Mod	HQ	03/31/06	03/30/06		Completed ahead of schedule
TRP-04-320	Demolish Ten U Plant Ancillary Facility Structures	RL	03/31/06	09/07/05		Completed ahead of schedule
TRP-04-321	Demolish 10 B Plant Structures	RL	03/31/06	09/14/04		Completed ahead of schedule
TRP-03-257 M-020-33	Submit Closure/Post Closure Plans for 216-A-10 Crib, Etc.	HQ	04/30/06	04/27/06		Completed ahead of schedule
TRP-03-263 M-015-44A	200-MW-1 OU Remedial Investigation Report	HQ	04/30/06	04/28/06		Completed ahead of schedule

Milestone Achievement (continued)

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
TRP-03-254 M-015-43C	Submit 200-PW-2 OU FS & Proposed Plan/Proposed RCRA Permit Mod	HQ	05/31/06			On schedule
WMG-06-006 M-091-40L-010	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	06/15/06			On schedule
WMG-06-007 M-091-40L-011	M-91-40L.3.C Submit Quarterly Burial Ground Vent and substrate Sample	HQ	09/15/06			On schedule
WDG-06-401	Remediate U Plant Area High Risk Waste Sites	RL	09/30/06			On schedule
TRP-04-322	Demolish 12 additional B Plant Structures	RL	09/30/06	09/14/04		Completed ahead of schedule
WMG-05-010 M-091-40J	M-91-40J Update 218-W-3A SAP	HQ	45 day before field work begins			On schedule
WMG-05-009 M-091-40I	M-91-40I Update 218-W-4B SAP	HQ	45 day before field work begins			On schedule
TRP-04-322	Demolish 12 additional B Plant Structures	RL	09/30/06	09/14/04		Completed ahead of schedule
D&D Project Performance Objectives	Demolition of five facilities (2707E, 2713E, 2715E, 2719E, & 2722E) to slab on grade.	RL	09/30/06			On schedule
D&D Project Performance Objectives	Remediation of two 200-UW-1 Operable Unit waste sites (200W-42 vitrified clay pipeline/UPR 200-W-163) in the U-Plant Regional Closure Area as identified in the waste site proposed plan	RL	09/30/06			On schedule
D&D Project Performance Objectives	Data Quality Objectives (DQO) and respective Sampling and Analysis Plans (SAPs) for model groups 2-7 that integrate groundwater and source unit needs.	RL	09/30/06			On schedule
D&D Project Performance Objectives	Slant borehole at 216-Z-19 Trench and delivery of the 200-PW-1 Draft A, Remedial Investigation Report to RL	RL	09/30/06			On schedule
TRP-06-001 M-015-45A	Submit 200-PW-1 OU Remedial Investigation Report	HQ	10/31/06		10/15/06	Forecast ahead of schedule
TRP-03-266 M-015-46-B	200 Area Chemical Laboratory Waste Ous Feasibility Study	HQ	11/30/06			On schedule
WMG-07-001 M-091-40L-012	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	12/15/06			On schedule