

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

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*Arrival and off-load of
A-8 Substation 230 kV Electrical
Transformer*



MO-936 demolition complete



Overview

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

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

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2005.

Notable Accomplishments

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

Remediation Projects:

U Plant Regional Closure

A Time-Critical Removal Action Memorandum (AM) for accelerating field work for proposed barrier installation at 216-U-8 and 216-U-12 Cribs was approved in November, 2005. The associated Sample and Analysis Plan (SAP) was approved December 15, 2005. Field work for interference removal will begin in January 2006, and barrier construction is anticipated to begin in April 2006.

Reliability Projects:

Project L-304, Hanford Site Emergency Alerting System

Installed equipment for message reader boards and AM broadcast for Project L-304, Hanford Site Emergency Alerting System.

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	\$ 63.5	\$ 63.5	\$ 0.0
Total	\$ 63.5	\$ 63.5	\$ 0.0

Numbers are rounded to the nearest \$0.1M.

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	\$6.6	\$8.7	\$8.0	\$2.1	31.4%	\$0.7	8.2%	\$47.5
Total	\$6.6	\$8.7	\$8.0	\$2.1	31.4%	\$0.7	8.2%	\$47.5

Numbers are rounded to the nearest \$0.1M.

Schedule Performance (+\$2.1M/+31.4%):

The favorable schedule variance for CPR is within threshold; therefore no explanation is required (\$0.0).

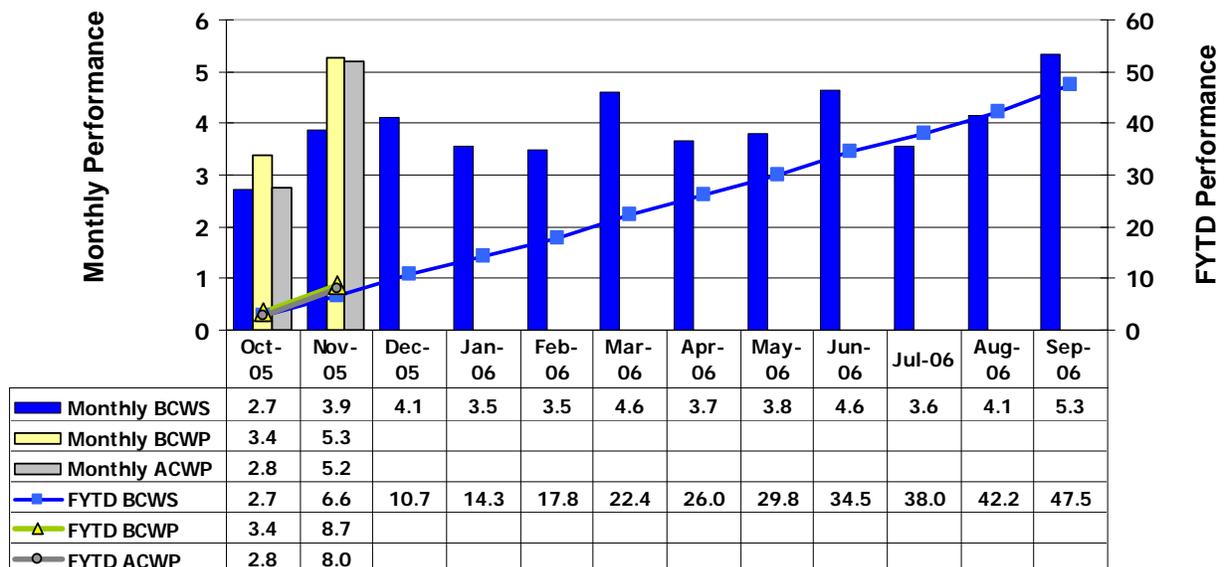
Closure Services and Infrastructures favorable SV is primarily due to completion of prior year carryover (\$2.0M), L-325, "A-8 Substation," (\$1.5M), completion of L-334, "Minimize Potential Environmental Impact from Export Water System Rupture," (+\$0.3M), completion of L-580, "Trunking Hanford's Secured Radio System," (+\$0.2M), and completion of L-304, "Hanford Site Emergency Alerting System," (+\$0.2M) which was offset by delay in award of contract for L-573, "Closure Support Facility," (-\$0.2M).

Cost Performance (+\$0.7M/+8.2%):

The favorable CV for CPR (+\$0.6M) is primarily the result of Closure Projects completing the first three of seven chapters of the DQO report (200-IS-1) and the surface investigation/groundwater pump removal of 200-PW-1, "Plutonium/Organic Rich Waste Group Operable Units," for less than planned (+\$0.2M), efficiencies in the haul road mobilization (+\$0.2M), efficiencies in S&M (+\$0.1M), and Project Management and Support (+\$0.1M).

Closure Services and Infrastructure favorable CV is within thresholds; therefore no explanation is required (+\$0.1M).

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

PBS	MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
RL-0040	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
RL-0040	TRP-04-324	Issue Action Memorandum for U Plant Ancillary Facilities	RL	12/31/05	01/23/04		Completed ahead of schedule
RL-0040	TRP-04-323	Issue Record-of-Decision for Canyon Disposition Initiative	RL	12/31/05	10/03/05		Completed ahead of schedule
RL-0040	TRP-03-260 M-015-46A	200 Area Chemical Lab Waste OUs Remedial Investigation Report.	HQ	02/28/06			On schedule
RL-0040	WMG-06-005 M-091-40L-009	M-91-40L.3.A Submit Quarterly Burial Ground Vent and substrate Sample	HQ	03/01/06			On schedule
RL-0040	TRP-03-248 M-020-39	Submit 216 S-10 Pond and Ditch Closure Plan to Ecology	HQ	03/31/06			On schedule
RL-0040	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			On schedule
RL-0040	TRP-04-320	Demolish Ten U Plant Ancillary Facility Structures	RL	03/31/06	09/07/05		Completed ahead of schedule
RL-0040	TRP-04-321	Demolish 10 B Plant Structures	RL	03/31/06	09/14/04		Completed ahead of schedule
RL-0040	TRP-03-257 M-020-33	Submit Closure/Post Closure Plans for 216-A-10 Crib, Etc.	HQ	04/30/06			On schedule
RL-0040	TRP-03-263 M-015-44A	200-MW-1 OU Remedial Investigation Report	HQ	04/30/06		04/28/06	On schedule
RL-0040	TRP-03-254 M-015-43C	Submit 200-PW-2 OU FS & Proposed Plan/Proposed RCRA Permit Mod	HQ	04/30/06		04/28/06	On schedule
RL-0040	WMG-06-006 M-091-40L-010	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	06/01/06			On schedule
RL-0040	WMG-06-007 M-091-40L-011	M-91-40L.3.C Submit Quarterly Burial Ground Vent and substrate Sample	HQ	09/01/06			On schedule
RL-0040	TRP-03-266 M-015-46B	200 Area Chemical Laboratory Waste OUs Feasibility Study	HQ	09/30/06		01/12/07	TPA Change Request currently being negotiated to defer milestone 120 days as part of overall Waste Site Decision Strategy.
RL-0040	WDG-06-401	Remediate U Plant Area High Risk Waste Sites	RL	09/30/06			On schedule
RL-0040	TRP-04-322	Demolish 12 additional B Plant Structures	RL	09/30/06	09/14/04		Completed ahead of schedule
RL-0040	WMG-05-010 M-091-40J	M-91-40J Update 218-W-3A SAP	HQ	45 day before field work begins			On schedule
RL-0040	WMG-05-009 M-091-40I	M-91-40I Update 218-W-4B SAP	HQ	45 day before field work begins			On schedule