

Central Plateau Remediation Project

L. J. Olguin, Vice President/(509) 372-8233



CORE DRILLING 233-S WALLS IN PREPARATION FOR DEMOLITION

OVERVIEW

The Central Plateau Remediation Project (CP) is responsible for work scope included in Project Baseline Summaries (PBSs) RL-CP01, *200 Area Remediation*; RL-RC02, *300 Area Cleanup*; and RL-RC06, *300 Area Facility Transition*.

- PBS RL-CP01, *200 Area Remediation*, consists of Project Management and Support, CP Facility Surveillance and Maintenance, CP Facility Transition, CP Facility Decontamination and Decommissioning (D&D), the Equipment Disposition Project and CP Waste Site Remediation.
- PBS RL-RC02, *300 Area Cleanup*, has no FY 2003 work scope.
- PBS RL-RC06, *300 Area Facility Transition*, consists of 324 and 327 Facility Safe Shutdown, Miscellaneous Radiological Facilities Deactivation, and Project Management and Support.

NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2003.

TOP FY 2003 ACCOMPLISHMENTS

Central Plateau Remediation Project employees achieved one million safe hours worked (June 2003).

200 Area Remediation: Completed milestone TRP-38-803, "Complete installation of new roofs at PUREX and B Plant" (November 2002).

The Tanks/Lines/Pits/Boxes/Septic Tank/Drain Fields Operable Unit Remedial investigation/feasibility study work plan was delivered to RL, completing Tri-Party Agreement (TPA) Milestone M-013-00M as scheduled (December 2002).

Completed disposition of surplus, rolling stock and heavy equipment, thus meeting Performance Incentive FHI-M3 nine months ahead of schedule (December 2002).

RL delivered the Gable Mountain/B Pond (200-CW-1) OU Feasibility Study and Proposed Plan (Draft A) to the regulators, completing TPA Milestone M-15-38A (March 2003).

Documented safety analyses (DSAs) for B-Plant, Plutonium-Uranium Extraction (PUREX), 209-E facility, 224-T facility, and 231-Z facility were transmitted to RL prior to the mandated compliance date of April 10, 2003 (April 2003).

RL transmitted the U Plant Closure Area Waste Sites Focused Feasibility Study, Draft A (DOE/RL-2003-23), and the Proposed Plan, Draft A (DOE/RL-2003-24) to the Environmental Protection Agency and the Washington State Department of Ecology, which completed TPA Milestone M-015-047 (June 2003).

FH completed and delivered to RL an updated project baseline consistent with the December, 2002, FH contract revision with RL (June 2003).

300 Area Facility Transition: The 324 Building staff shipped the final container of Spent Nuclear Fuel (SNF) to the 200 Area Interim Storage Area, completing the removal of all SNF that had been stored in the 324 Building and moving about 650,000 curies of radioactivity away from the City of Richland and the Columbia River (November 2002).

NOTABLE SEPTEMBER ACCOMPLISHMENTS

200 Area Remediation: The Draft A, Sampling Analysis Plan, for the U Plant waste sites for RL and regulator review was completed September 30, 2003. FH/RL completed review of the responses to regulator comments on the U Plant Focused Feasibility Study and Proposed Plan on October 6, 2003.

As of the end of September, the 233-S deactivation and decommissioning (D&D) Project has completed steel removal in the process hood; Phase I core hole drilling (including transuranic areas); planning for ventilation duct removal; pilot holes/cut line transfer; removal of roofing material; and excavator repairs. In addition, gutter installation was 95% complete and the facility approved the rigging calculations. The Removal Action Plan and the Air Monitoring Plan were issued.

300 Area Facility Transition: Completed implementation of the 324 Building DSA. Reviewed baseline change request (BCR) FH-2003-021, *Extension of the Fluor Hanford Work Scope through September 30, 2004, Due to Delay in Transition to the River Corridor Contract* with RL and incorporated comments. FH received RL's authorization for a 30-day extension of scope on September 29, 2003.

FY 2003 SCHEDULE/COST PERFORMANCE (\$'000)

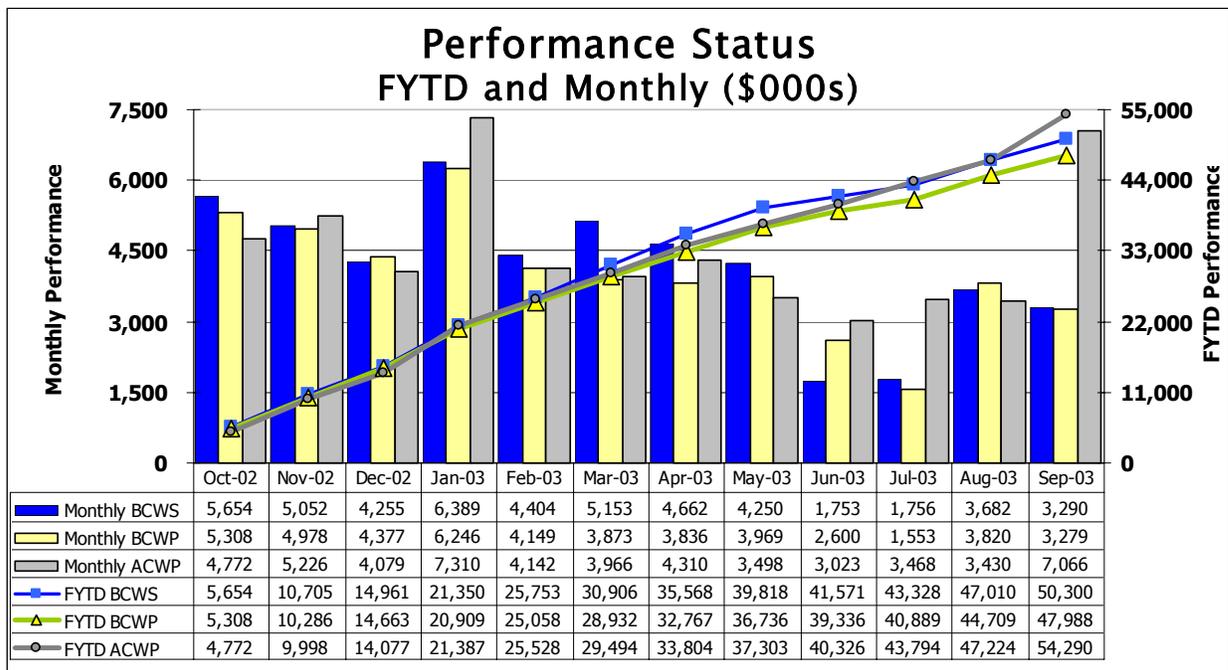
	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-RC06 300 Area Facility Transition	21,744	21,486	18,804	-258	-1%	2,683	12%	21,744
RL-CP01 200 Area Remediation	28,556	26,502	35,487	-2,055	-8%	-8,985	-34%	28,556
Total Central Remediation Project	50,300	47,988	54,290	-2,312	-5%	-6,302	-13%	50,300

NOTE: Numbers are rounded to the nearest \$K.

Schedule Performance (-\$2,312K/-5%): The unfavorable variance within PBS CP01 is the result of Facilities 233-S/SA decontamination efforts being much more extensive than planned. The removal of equipment, waste, and internal decontamination activities has delayed the dismantlement activities.

Cost Performance (-\$6,302K/-13%): The unfavorable variance (-\$8,985K/-34%) within PBS CP01 is the result of the extended efforts to prepare 233-S/SA for D&D and the direction of additional labor resources to the project. The variance is not recoverable, and this trend is expected to increase until completion of the project. FH is offsetting this cost variance with efficiencies in other sub-projects.

The favorable cost variance (\$2,683K/12%) within PBS RC06 is primarily the result of a change in approach in the clean-out of the 324 Shielded Materials Facility whereby work progress was performed for less-than-planned resources. Other efficiencies in labor and materials have added to the positive cost trend.



MILESTONE ACHIEVEMENT

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status Comments
TRP-03-224 M-013-00N	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	HQ	12/31/03		6/30/04	Behind schedule
TRP-03-227 M-015-41C	Submit 200-TW-1 & 200-TW-2 OU FS/Proposed Plan to EPA & Ecology	HQ	03/31/04			On schedule
TRP-03-230 M-015-39B	Submit 200-CS-1 Chemical Sewer Group RI Report	HQ	05/31/04			On schedule
TRP-03-233 M-015-43B	Submit 200-PW-2 OU RI Report Including Past Practice Waste Sites	HQ	06/30/04			On schedule
TRP-03-309	233-S (PuConcentration Facility) and the 233-SA (Exhaust Filter Building) demolished to slab on grade.	RL	6/30/04		12/15/03	Ahead of schedule
TRP-03-501 M-092-11-T01	Complete Disposition Options for Hanford Site Nonradioactive NA	RL	09/28/04			On schedule
TRP-03-236 M-016-66	Initiate Interm. Des.& Auth for RA at 618-10&11	HQ	09/30/04			On schedule
TRP-04-901 M-92-15	Complete Removal and Transfer, and Initiate Storage of Phase II 300 Area SCW and Materials	EA	9/30/04	9/19/01		Completed ahead of schedule
TRP-03-242 M-015-40C	Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group FS & Submit	HQ	10/31/04			On schedule
TRP-03-139 M-013-00O	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	HQ	12/31/04			On schedule
TRP-03-260 M-015-46A	200 Area Chemical Lab Waste OUs Remedial investigation Report.	HQ	10/31/05			On schedule
TRP-03-245 M-015-39C	Submit 200-CS-1 Chemical Sewer Group FS and Submit PP/Proposed	HQ	11/30/05			On schedule
TRP-03-248 M-020-39	Submit 216 S-10 Pond and Ditch Closure Plan to Ecology	HQ	11/30/05			On schedule
TRP-03-254 M-015-43C	Submit 200-PW-2 OU FS & Proposed Plan/Proposed RCRA Permit Mod	HQ	12/31/05			On schedule
TRP-03-257 M-020-33	Submit Closure/Post Closure Plans for 216-A-10 Crib, Etc.	HQ	12/31/05			On schedule
TRP-03-263 M-015-44A	200-MW-1 OU Remedial Investigation Report	HQ	12/31/05			On schedule
TRP-03-266 M-015-46B	200 Area Chemical Laboratory Waste OUs Feasibility Study	HQ	09/30/06			On schedule
TRP-03-272	Remediate BC Crib, Trenches, and Control Area	RL	09/30/06			On schedule
TRP-03-303	U Plant Regional Closure (ancillary facilities, excluding U Plant Canyon)	RL	9/30/06			On schedule - Potential GFS/I impacts.
TRP-03-312	224-B (Concentration Facility) demolished to slab on grade.	RL	9/30/06			On schedule - Potential GFS/I impacts.
TRP-03-315	224-T (Transuranic Storage & Assay Facility) demolished to slab on grade.	RL	9/30/06			On schedule - Potential GFS/I impacts.

FY 2003 FH FUNDS VS ACTUALS (\$000)

	Funding Received	Actual Cost	Variance
RL-RC06 300 Area Facility Transition	\$ 19,733	\$ 18,804	\$ 930
Project Completion - Operating	\$ 19,733	\$ 18,804	\$ 930
RL-CP01 200 Area Remediation	\$ 37,569	\$ 35,487	\$ 2,083
RL-RC02 300 Area Cleanup	\$ 697	\$ 0	\$ 697
Post 2006 - Operating	\$ 38,266	\$ 35,487	\$ 2,780
Total	\$ 57,999	\$ 54,290	\$ 3,709