



Section H

200 Area Remediation

PROJECT MANAGERS

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INTRODUCTION

The 200 Area Remediation consists of Central Plateau Facility (CPF) Transition, CPF Project Management and Support, the Equipment Disposition Project, and Central Plateau Waste Site S&M, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.5, 3.3.1.6, 3.3.1.8, 3.3.1.9, and 3.3.1.13.

NOTE: Unless otherwise noted, all information contained herein is as of the end of March 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that no milestones are due. One milestone is forecasted to be late.

NOTABLE ACCOMPLISHMENTS

200 Area Shutdown Facilities — The non-destructive assay (NDA) characterization of the 231-Z cells was completed, and the bidding process for the metal roofs sub-contract for B Plant and PUREX was completed. In addition, a white paper evaluating the need for the 212B & 222B roof replacements was forwarded to RL for concurrence.

Equipment Disposition Project — Three flatcars were shipped to the low-level burial grounds one month ahead of schedule; the second and third of four tall cask cars were shipped from Hanford to Tennessee; and the forty-seven thousand pound radioactive liquid waste evaporator condenser was shipped to an off-site vendor to be recycled into the Department of Energy Shield Block Program.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report.

Opportunities for Improvement

Conduct of Operations Improvement Initiative — RC has essentially completed the activities identified in the Conduct of Operations Improvement Plan. Project directors provided a summary review of progress to the RC Vice President at the two-, four-, and six-month milestones. The six-month status meeting was held on February 7, 2002. The facilities are completing program documentation to build a Conduct of Operations Sustain and Maintain Plan to be completed throughout the remainder of the year. (This is the last report for this item.)

UPCOMING ACTIVITIES

200 Area Shutdown Facilities — Transfer PUREX and B Plant facilities from BHI to FH by June to allow initiation of equipment removal. Delayed from April due to transfer negotiations.

Equipment Disposition Project — Ship the Ion exchange columns by August 2002.

MILESTONE ACHIEVEMENT FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-38-803	Complete Installation of New Roofs on PUREX & B Plant	PI	9/30/02		11/30/02	Revised completion date and associated PI revision included in BCR CP01-02-008, approved by FH on 4/18/02 and forwarded to RL. Sub-contractor selected and notified on 4/23/02 to proceed.

PERFORMANCE OBJECTIVES

Outcomes: Transition Central Plateau to support long-term waste management

Performance Indicator	Status
<p>FHI-M3 – 200 Area Facility Disposition Measure 1: Disposition Surplus Buildings and Rolling Stock</p> <p>Expectation 1: Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004. Stretch: D&D 233-S & 233-SA by June 30, 2004.</p> <p>Expectation 2: Complete installation of new roofs on PUREX & B Plant by September 30, 2002.</p> <p>Expectation 3: Base: Disposition contaminated railcars by June 30, 2006.</p> <p>Stretch: Disposition contaminated railcars by August 31, 2005. Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.</p>	<p>Work will be initiated July 1, 2002.</p> <p>Work will be initiated July 1, 2002.</p> <p>Washington State Department of Health review comments on the NOC were incorporated and resubmitted for approval.</p> <p>Disposition of three flatcars was completed on March 27th.</p> <p>Nothing to report.</p> <p>Disposition of all five pieces of regulated heavy equipment is complete. Work planning for the grouting and shipping of the Ion exchange columns is progressing as planned. Activities to finalize the path forward for the SNF drag-off box stored at T Plant are progressing.</p>

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS CP01 WBS 3.3.1.5	Central Plateau Facility S&M	1,392	659	1,083	(733)	-53%	(424)	-64%	6,642
PBS CP01 WBS 3.3.1.6	Central Plateau Facility Transition	0	0	1	0	0%	(1)	0%	0
PBS CP01 WBS 3.3.1.7	Central Plateau Facility D&D	0	0	0	0	0%	0	0%	1,585
PBS CP01 WBS 3.3.1.8	Central Plateau Project Management	1,140	1,141	641	0	0%	499	44%	2,469
PBS CP01 WBS 3.3.1.9	Equipment Disposition Project	1,073	1,200	560	127	12%	640	53%	5,199
Total River Corridor Project		3,605	3,000	2,285	(606)	-17%	715	24%	15,894

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$0.6M (17 percent) was primarily due to 224-T characterization work scope delays and the B Plant/PUREX roof replacement work scope delay pending final Resource Management Board funding decisions. The favorable cost variance of \$0.7M (24 percent) was primarily due to Equipment Disposition Project work completed at a substantial savings.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.6M)

Central Plateau Facility S&M – 3.3.1.5/CP01

Description and Cause: The unfavorable schedule variance was primarily due to a request from the Washington State Department of Health for a Notice of Construction delaying Phase I of the 224-T characterization work scope and the discovery of water in C Cell. Contributing to the unfavorable condition was the delay with the B Plant/PUREX roof replacement planning efforts due to funding constraints and evaluation of an alternative roof system.

Impact: The discovery of water in C Cell will increase the work scope necessary to complete characterization.

Corrective Action: Phase I of the 224-T characterization activities were completed in December, and Phase II activity planning has been initiated. Planning is under way to define new activities related to the C Cell water discovery. The work on the B Plant/PUREX roof replacements commenced now that final FY 02 work scope decisions have been made.

Equipment Disposition Project – 3.3.1.9/CP01

Description and Cause: The favorable schedule variance was due to heavy equipment, flatcar and cask car work scope being ahead of schedule.

Impact: No Impact.

Corrective Action: No corrective action required.

All other schedule variances are within established thresholds.

Cost Variance Analysis: (+ \$0.7M)

Central Plateau Facility S&M — 3.3.1.5/CP01

Description and Cause: The unfavorable cost variance was primarily due to costs related to the NOC-required additional conditions and limitations, which has cascaded into additional fieldwork being performed.

Impact: No Impact.

Corrective Action: No corrective action required.

Central Plateau Facility Project Mgt — 3.3.1.8/CP01

Description and Cause: The favorable cost variance was primarily due to labor underruns as a result of staff performing other priority work.

Impact: No Impact.

Corrective Action: No corrective action required.

Equipment Disposition Project — 3.3.1.9/CP01

Description and Cause: The favorable cost variance was primarily due to heavy equipment, flatcar and cask car work scope completed at a substantial savings.

Impact: No Impact.

Corrective Action: No corrective action required.

All other cost variances are within established thresholds.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: None at this time.

Impacts: None at this time.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
CP01-02-002 3.3.1.5, 3.3.1.6, 3.3.1.8	11/19/01	PBS RL-CP01 Life Cycle Reductions & Assumptions		\$0	4/10/02	Approved. Incorporate in fiscal April.
CP01-02-006 3.3.1.5	2/25/02	Revenue Account (ORP Funds) for 209-E MinSafe		(\$303)	4/8/02	Approved. Incorporate in fiscal April.
CP01-02-007 3.3.1.8	3/13/02	Central Plateau Transition Activities		\$2,834		Rev 1 requested by RL. Requires new funds (~\$.9M).
CP01-02-008 3.3.1.5	3/26/02	PUREX & B Plt Roof Replacement		(\$197)	4/18/02	Approved. Incorporate in fiscal April.