



Section E

300 Area Facility Transition

PROJECT MANAGERS

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INTRODUCTION

The 300 Area Facility Transition consists of 324 Facility Safe Shutdown, 327 Facility Safe Shutdown, Miscellaneous Radiological Facilities Deactivation, and Project Management and Support, Project Baseline Summary (PBS) RL-RC06, Work Breakdown Structure (WBS) 3.1.6.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of November 30, 2001. All other information is as of December 27, 2001.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that two milestones (40 percent) were completed on or ahead of schedule and three milestones (60 percent) are on schedule.

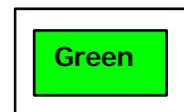
NOTABLE ACCOMPLISHMENTS

324 Facility Safe Shutdown — Project staff completed the pipetrench residue removal, replaced the coverblocks, and completed the pipetrench residue dose profiling. Additionally, the Spent Nuclear Fuel NAC-1 Safety Analysis Report for Packaging (SARP) was transmitted to RL for review. Major refurbishment of the 30-ton crane was completed and the draft request for proposal for the Liquid Waste Handling System was placed in the approval cycle.

327 Facility Safe Shutdown — Through effective deployment of minimum safety (min-safe) staff, two lead-lined drums were shipped, eliminating the need for the criticality alarm system. In addition, staff completed the annual HEPA filter testing, replacing one failed HEPA filter; and the load-out and removal of bulk waste and glove bag from I Cell was completed.

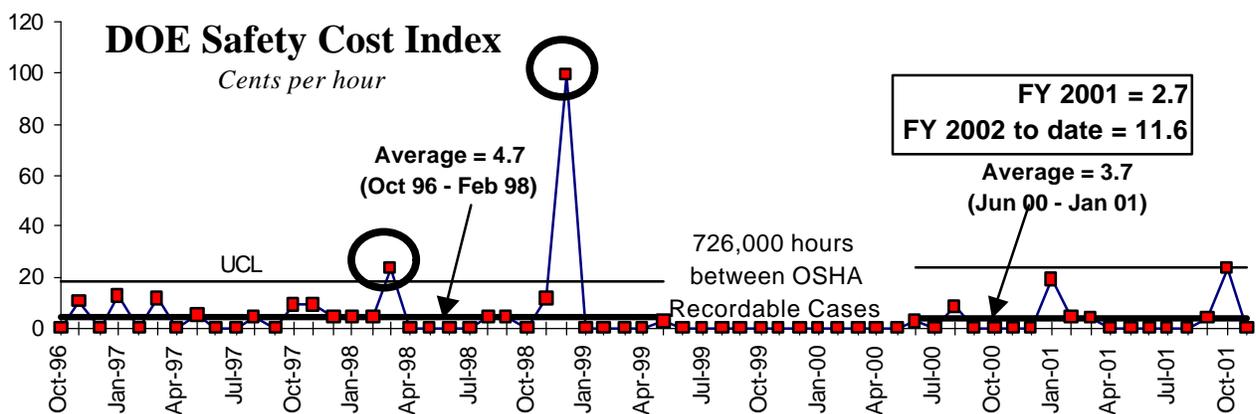
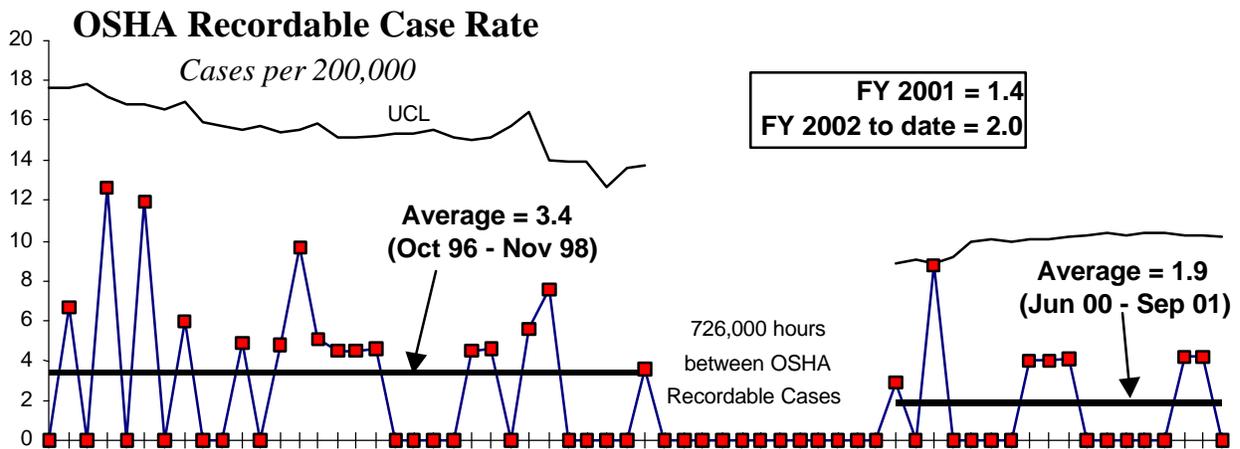
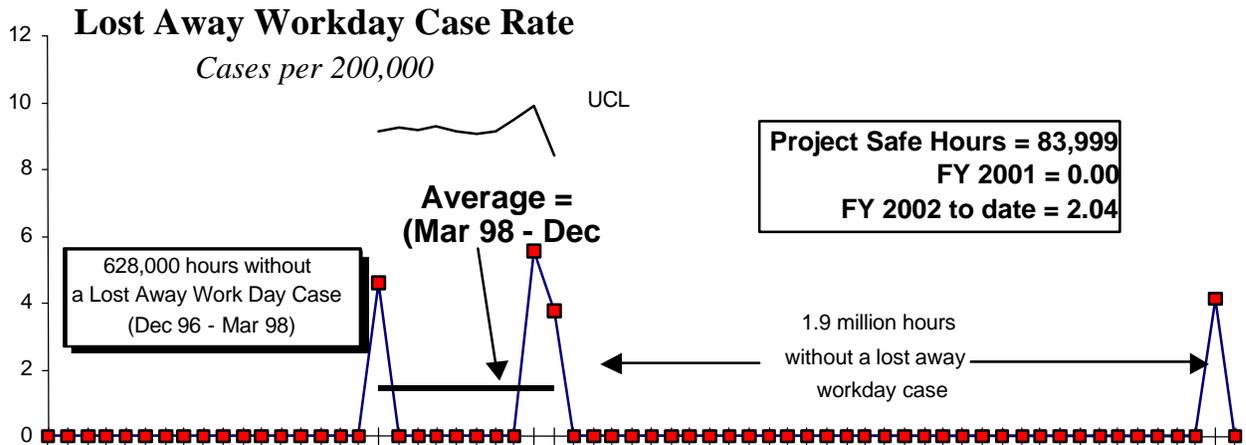
Misc. Radiological Facilities Deactivation — A request was submitted to RL to downgrade the Uranium Trioxide (UO₃) Powder Storage Area. Also, the shutdown and removal of the 309 Building fire detection features completed deactivation of the facility fire protection system; and the D&D survey requests for the 309, 377, 3706, 3706A, and 3614A Buildings were completed.

SAFETY

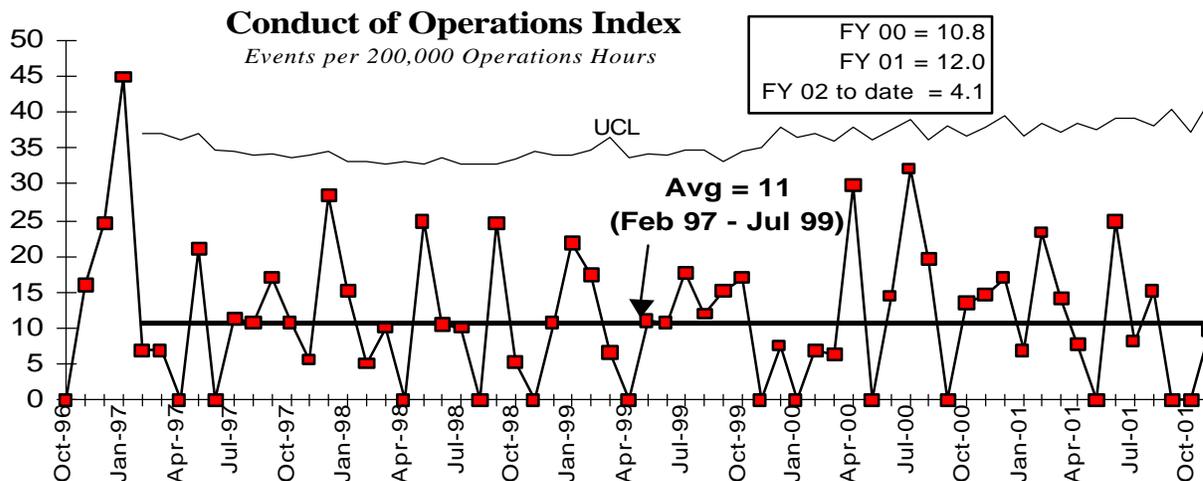


More than 83,999 safe work hours have been achieved since the last Lost Away Workday case. The last Lost Away Workday case occurred on October 9, 2001 and the last recordable case on October 9, 2001. During the month of November there were no lost, restricted, or recordable cases.

SAFETY (CONTINUED)



CONDUCT OF OPERATIONS



BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Monolithic Removal of 327 Hot Cells — Last year a technical review team found the concept of intact removal of the 327 hot cells to be feasible, to have potentially significant ALARA benefits, and if implemented, will reduce project schedule/cost. Certification that the cells could be disposed of as non-Transuranic waste was a key assumption in that review. The 327 Building Deactivation Project has prepared a (draft) characterization strategy to establish the data quality objectives, and to identify techniques to efficiently obtain data to certify the cells as Low Level Waste (LLW). In parallel, Accelerated Site Technology Deployment (ASTD) funding (\$935K) was awarded to FH to purchase state-of-the-art in-situ characterization instruments. The funding for procurements is expected to be available during the second quarter of FY02.

Opportunities for Improvement

Conduct of Operations Improvement Initiative — A Conduct of Operations Improvement Plan has been initiated to improve organizational performance, and to create a culture change regarding effective implementation of Conduct of Operations principles. The first three months of the Conduct of Operations Improvement Plan have been completed. Each facility and participating organization has spent time reviewing its Conduct of Operations Matrix, identifying areas of improvement and communicating results to the staff. Project directors will provide a summary review of progress at the two-, four-, and six-month milestones. The four-month status meeting occurred on December 6, 2001.

SNF Removal — Thorough and complete planning is needed to prepare for the SNF removal from the 324 B Cell. A significant schedule enhancement effort began on Tuesday, October 30, 2001. Two outside planning experts were obtained to perform a "murder board" of schedule, scope and logic in order to develop the necessary schedule detail to efficiently coordinate and manage SNF transfer preparations. An important part of this effort is the development and finalization of the split Readiness Assessment. The schedule enhancement effort was completed in early December and daily meetings are now being held to status the schedule.

UPCOMING ACTIVITIES

Spent Nuclear Fuel Transfer (SNF) — Initiate mockup of SNF operations by March 11, 2002.

300 Area Miscellaneous Contaminated Facilities — Shutdown 333 Building fire protection system by March 2002.

324 Building — Complete 26.5 percent remaining 324/327 deactivation scope by June 20, 2002.

Contract Transition — Support transfer of Bechtel Hanford, Inc. (BHI) Central Plateau scope to FH on June 30, 2002, and FH scope to River Corridor Closure Contract (RCCC) on September 30, 2002.

Milestone Achievement FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-92-14	Complete Removal and Transfer, and Initiate Storage of Phase I 300 Area SCW and Materials	TPA	9/30/02	3/28/00		Complete
TRP-02-700	Complete > 26.5% Remaining 324/327 Deactivation LC Scope	PI	6/30/02		6/30/02	Activities are on schedule
TRP-01-202	Demolition of 377 Building	PI	6/30/02		6/30/02	Activities are on hold pending final FY02 funding allocations
TRP-02-701	Support RCP Contract Transition Plan	PI	6/30/02		6/30/02	Activities are on schedule
M-92-15	Complete Removal and Transfer, and Initiate Storage of Phase II 300 Area SCW and Materials	TPA	9/30/04	9/19/01		* Completed

* Pending acceptance by Ecology.

PERFORMANCE OBJECTIVES

Outcomes

Restore the River
Corridor for Multiple
Uses

Performance Indicator

FHI-M8 – 300 Area Cleanup

Measure 1: Accelerate 300 Area Cleanup

Expectation 1: Deactivate 324/327

Buildings

Base: Complete 26.5% remaining 324/327-baseline work by June 30, 2002.

Base: Complete B Cell cleanout and shipment of B Cell waste to 200 Area Burial Grounds.

Stretch: Complete additional 2.5% remaining 324/327-baseline work.

Status

Of the remaining life-cycle work scope, 18.9 percent was completed during the period of October 2000 through November 2001. Complete.

As of November 31, 2001, the subproject completed an additional .94 percent (\$1.7M) toward the stretch goal.

Expectation 2: Disposition surplus facilities

Base: Disposition 3902A, 3802B & 303-K by September 30, 2001.

Stretch: Disposition 377 Bldg. by June 30, 2002.

Complete.

Waste disposition planning has begun with the LLBG. A Notice of Construction (NOC) with Washington State Department of Health (WDOH) has been sent to DOE for approval and transmittal to WDOH. This effort is on hold pending resolution of FY 2002 funding. Complete.

Expectation 3: Disposition uranium billets, uranium dioxide, scrap materials in 200/300 Areas, and 303-K thorium-232 by September 30, 2001.

Measure 2: Support RCP Contract Transition

Expectation 1:

Stretch: Support RCP contract transition by July 1, 2002.

An integrated team of FH/BHI personnel has been assembled to develop and implement the transition plan.

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

Sub-Project	FISCAL YEAR TO DATE									
	BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC	
PBS RC06 WBS 3.1.6.1	324 Facility Safe Shutdown	3,486	3,226	3,341	(259)	-7%	(115)	-4%	25,607	25,607
PBS RC06 WBS 3.1.6.2	327 Facility Safe Shutdown	802	729	700	(74)	-9%	29	4%	6,767	6,767
PBS RC06 WBS 3.1.6.3	Misc. Radiological Facilities Deactivation	551	401	227	(150)	-27%	174	43%	3,202	3,202
PBS RC06 WBS 3.1.6.4	300 Area Facilities Project Management	1,167	1,079	961	(89)	-8%	118	11%	8,249	8,249
Total River Corridor Project		6,006	5,434	5,228	(571)	-10%	206	4%	43,825	43,825

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$0.6M (10 percent) is primarily due to work scope delays as result of pending budget/funds reductions. The favorable cost variance of \$0.2M (4 percent) is within the established thresholds.

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)

Misc. Radiological Facilities Deactivation — 3.1.6.3/RC06

Description and Cause: The unfavorable schedule variance was due to delays with the 377 Building demolition work scope pending budget/funds reduction.

Impact: No impact.

Corrective Action: No corrective action required.

All other schedule variances are within established thresholds.

Cost Variance Analysis: (+\$0.2M)

Misc. Radiological Facilities Deactivation — 3.1.6.3/RC06

Description and Cause: The favorable cost variance was primarily due to efficiencies in Surveillance and Maintenance.

Impact: No impact.

Corrective Action: No corrective action required.

300 Area Facilities Project Mgt & Support — 3.1.6.4/RC06

Description and Cause: The favorable cost variance was primarily due to time phasing of contract and fee assessment accruals.

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

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
RC06-02-001 (& CP01-02-001)	5/24/01	Transfer of PNNL Facilities to Fluor Hanford		\$0		Scheduled for FH CCB 1/02/02
RC06-02-002	10/29/01	SC/SS HEPA Filter Testing, CAT II Facilities		\$9		Submitted for consolidated FH review on 11/28/01
RC06-02-003	11/14/01	324 Safe Shutdown Subproject: Revised Disposition Path - MK-42 Fines		\$0		Scheduled for FH CCB 1/02/02
RC06-02-004	11/14/01	324 Safe Shutdown Subproject: Revision to SNF (Fragments/Pieces) Shipping Containment.		\$0		Pending Project Review