



Section I

200 Area Materials & Waste Management

PROJECT MANAGERS

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INTRODUCTION

The 200 Area Materials and Waste Management consists of Project Baseline Summary (PBS) RL-CP02, Work Breakdown Structure (WBS) 3.3.2, except for ERDF.

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

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that one milestone was completed early.

NOTABLE ACCOMPLISHMENTS

Low-Level Burial Ground Operations — Completed receipt and disposal of over 10,500 cubic meters of waste from Parks Township, an effort that began in fiscal year 1999.

Hanford Transuranic (TRU) Certification — All actions have been completed in response to the one Corrective Action Report (CAR) identified during the surveillance of Plutonium Finishing Plant (PFP) Non-Destructive Assay (NDA) and Visual Examination (VE) Technique (December 18-19, 2001). The closure documentation has been provided to RL for transmittal to the Carlsbad Field Office (CBFO). Upon closure of this CAR, no open CBFO CARS will remain.

Transuranic Waste Corporate Board — The Hanford Site has been added to the Transuranic Waste Corporate Board as a technical advisor. The Board is responsible for developing national program and policy decisions regarding the management of TRU waste and the acceptance criteria at the Waste Isolation Pilot Plant (WIPP).

MLLW Treatment — The project received 34 m³ of MLLW treated by CHG under treatment by generator provision. This waste was treated to meet land disposal restrictions and was disposed of in the Mixed Waste Disposal Unit. Disposed of 50 drums (10 m³) of backlog soils that were re-characterized as LLW due to a "contained in" determination.

Accelerate Readiness to Receive Spent Nuclear Fuels (SNF) K Basin Sludge — Cell cleanout commenced December 12, 2001; cell 10L has been completed.

TRU Waste Retrieval — Completed retrieval of exposed suspect TRU drums in the 200 Area Low-Level Burial Grounds.

Plutonium Finishing Plant (PFP) Support — Two Hanford Ash shipments were received, containing a total of 30 Pipe Over-pack Containers (POCs) for storage during January. Hanford ash shipments support Performance Incentive FHI-M2. Received 8 direct discard drums for storage during January. Waste Management activities support PFP's Tri Party Agreement change request milestone, which requires shipment of the entire direct discard inventory (69 drums) by March 31, 2002.

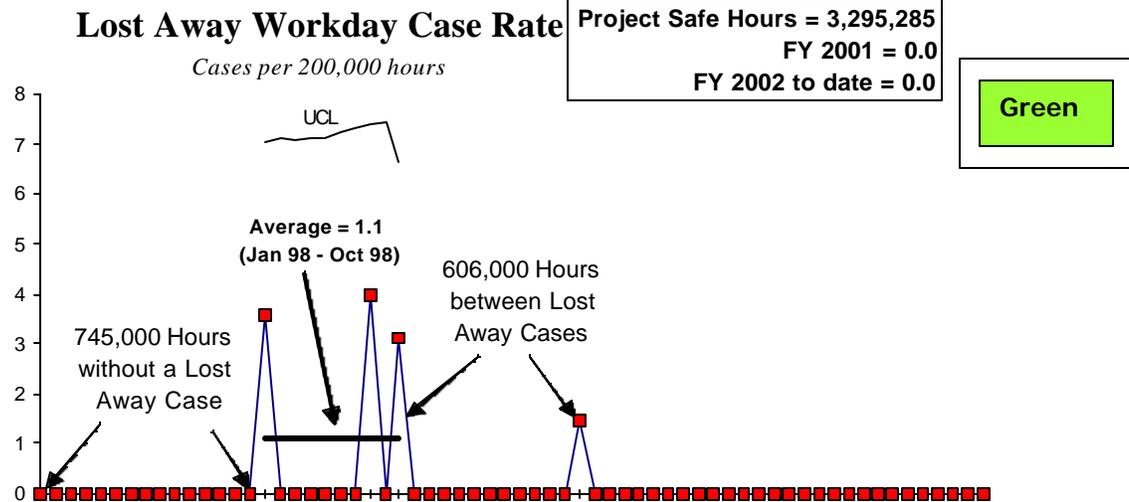
Support to 300 Area Cleanup — Supported removal of final Solid Waste Disposal Box from the 324 Facility pipe trench clean out. The box was accepted and is in storage at the Central Waste Complex. Exception requests to RL were completed to allow for storage and transport of the 327 building Curium/Americium sources.

Liquid Waste Processing — Processed over 9 million gallons of wastewater through the 200 Area Effluent Treatment Facility (ETF) thus far in FY 2002 supporting a variety of generators, including the Environmental Restoration Contractor (200-UP-1 Groundwater). The RCRA campaign was initiated on January 16, 2002.

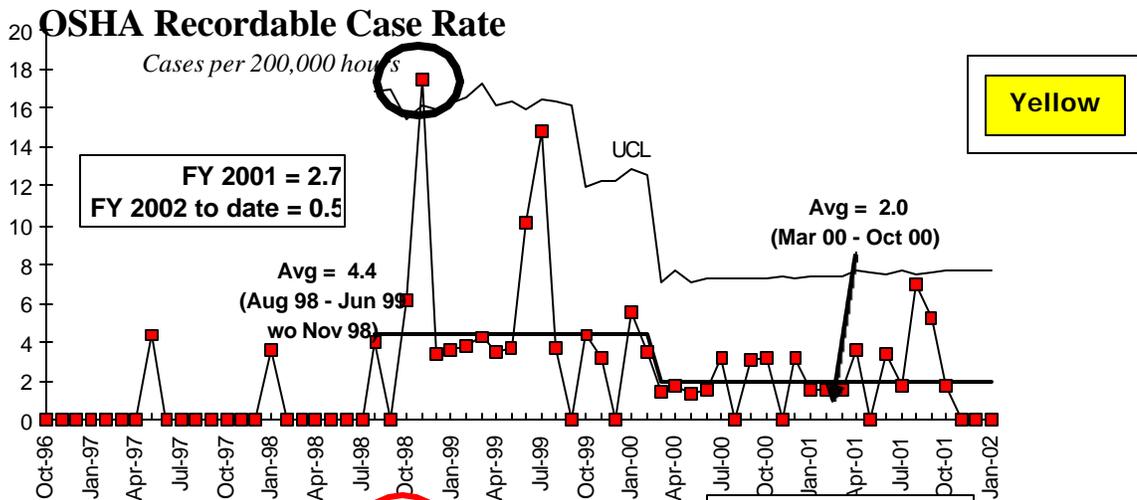
SAFETY

Waste Management received a Fluor recognition award for 3 million safe work hours. At the end of January 2002, the project has reached 3.3 million safe work hours. The last lost time injury occurred October 1999. The project has had only one "recordable" injury year to date.

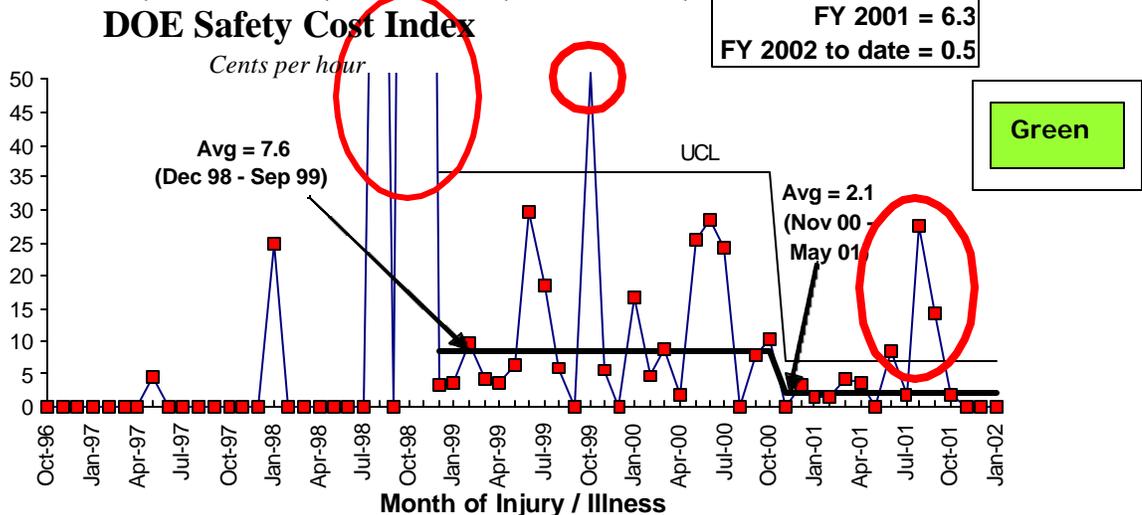
Lost Away Workday Case Rate



OSHA Recordable Case Rate

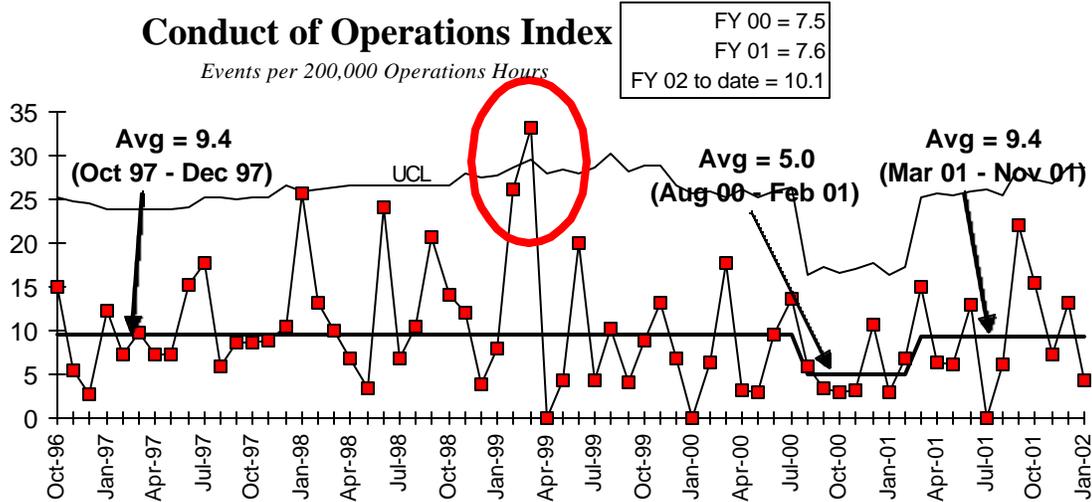


DOE Safety Cost Index



Month of Injury / Illness

CONDUCT OF OPERATIONS



BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

BREAKTHROUGHS

Waste Management is proceeding with the modification of the Waste Retrieval and Packaging (WRAP) low-level waste glovebox line to allow its use for TRU waste processing and super-compaction. This conversion will improve WRAP operating reliability, increase throughput capacity, and through the application of super-compaction to waste destined for the Waste Isolation Pilot Plant (WIPP), will offer considerable return on investment (savings) over the FH contract period. Matching funding to support this effort (\$355K in FY 2002, \$115K in FY 2003) was obtained from EM-50 through the Accelerated Site Technology Deployment program. The Technical Task Plan for managing the modification project has been completed. The conversion is anticipated to be completed by the second quarter of FY 2003.

OPPORTUNITIES FOR IMPROVEMENT

No opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Accelerate Readiness to Receive SNF K Basin Sludge — 1) Complete FH validation of readiness and the RL Operational Readiness Review (ORR) for Shippingport (PA) fuel, 2) Initiate Shippingport fuel movement, and 3) Accelerate T Plant Canyon cell cleanout.

MLLW Treatment — Continue characterization and direct disposal activities. These include PFP HEPA filter and T Plant Ventilator unit disposition, both of which should conclude in May 2002. Activities also include verification and void fill of backlog soils drums at T Plant.

Headspace Sampling Confirmatory Testing — Following contractual direction from RL, confirmatory testing of the "gas-tight seal" headspace gas sampling method will be performed. The results of the confirmatory testing will be provided to CBFO to support submittal of a permit modification to the WIPP

RCRA Permit. This permit modification is necessary to utilize characterization data from 204 TRU waste drums previously sampled using this method. Work is ready to proceed upon direction from RL.

Headspace Gas Performance Demonstration Cycle — Test samples for the annual headspace gas performance demonstration cycle were shipped to Hanford on February 5, 2002. Successful analysis of the samples is required to maintain certification of the Hanford TRU waste headspace gas program. The results of the analysis will be submitted within 30 days of receipt of the samples.

Waste Isolation Pilot Plant Waste Acceptance Criteria (WIPP WAC) Implementation — The proposed revision of the WIPP WAC is required to be implemented by April 15, 2002. The revision requires significant changes in the non-destructive assay and transportation activities of the TRU Program affecting both WRAP and PFP TRU waste processing. Contractual direction is required from RL.

TRU Waste Retrieval — Submit the Documented Safety Analysis (DSA) to RL in February. Receive a Finding of No Significant Impact (FONSI) on TRU Retrieval Environmental Assessment from RL in February.

EPA Approval of PCB Remediation Waste Disposal — Request for EPA approval for disposal of Poly-chlorinated Bi-phenol (PCB) remediation waste has been transmitted to EPA. EPA has concurred with the request and will provide written approval no later than February 28, 2002. This approval will allow disposal of PCB remediation waste (i.e., T Plant Canyon Cleanout Waste) in the 200 West Area Mixed Waste Disposal Trench.

MLLW Treatment — Continue characterization and direct disposal activities. These include PFP High Efficiency Particulate Air filter and T Plant Ventilator unit disposition, both of which should conclude in May 2002. Activities also include verification and void fill of backlog soils drums at T Plant.

Plutonium Finishing Plant (PFP) Support — Continue to support Hanford ash processing with completion of POC shipments through February 2002. Continue receiving stabilized direct discard waste solutions through March 2002.

300 Area Cleanup Support — Support the removal of a Curium/Americium source from the 327 Facility. Continue support to the 324 Fuels Removal Project.

Waste Encapsulation and Storage Facility (WESF) Operations — Begin Beneficial Uses Shipping System (BUSS) Cask lay-up. Complete capsule ID number etching. Complete removal of chemical lines in the AMU.

Liquid Waste Processing — Continue groundwater processing at the 200 Area ETF. Complete the RCRA campaign in early February 2002.

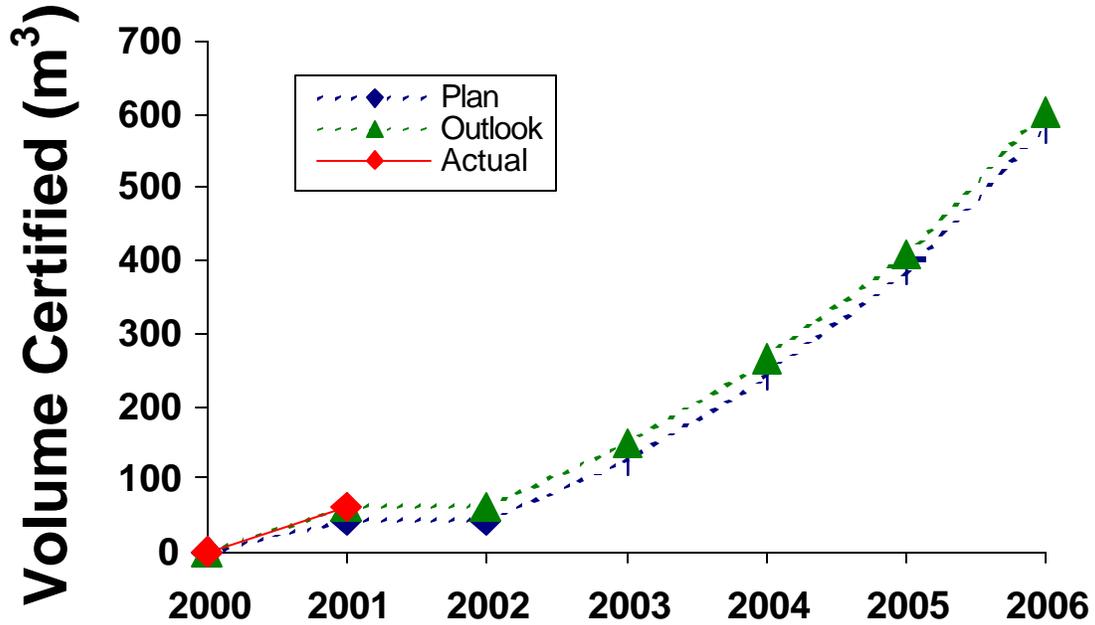
MILESTONE ACHIEVEMENT FH Contract Milestones

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status / Comment
M-19-00	Complete Treat/Disp 1,644 CM of CH-LLMW	TPA Enforceable	09-30-02	10-23-00	10-23-00	COMPLETE

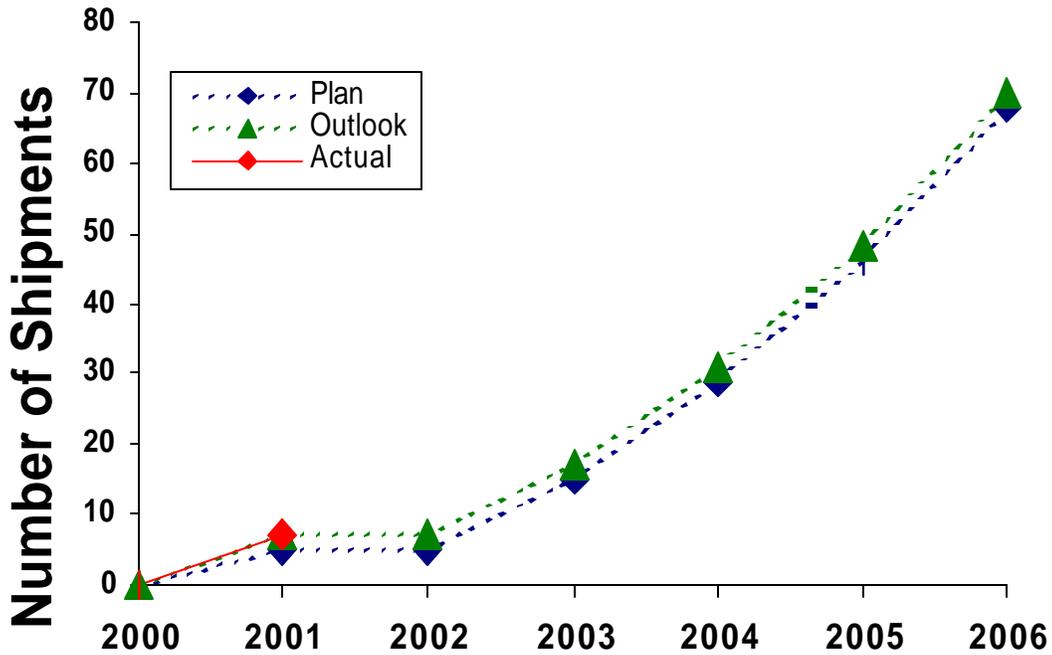
M-7-1E	Complete T Plant preparation for storage of K Basins sludge	PI Base	10-30-02		12-31-02	Cell Cleanout behind schedule.
M-7-2A	Complete ORR for K Basins Sludge Receipt	PI Base	10-30-02		10-30-02	ON SCHEDULE
M-91-12A	Treat 240 Cubic Meters by 12/31/2002	TPA Enforceable	12-31-02		12-31-02	Unachievable. Formal notification to RL submitted 2/11/2002.
M-91-20	T Plant ready to rec. canister of K Basin floor pit sludge	TPA Enforceable	12-31-02		12-31-02	ON SCHEDULE
M-26-05J	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-03		08-31-03	ON SCHEDULE
M-7-2B	Complete Readiness Assessment K Basins Canister & Fuel Sludge Receipts	PI Base	01-01-04		01-01-04	ON SCHEDULE
M-7-3B	De-Post T Plant Canyon as Airborne Radiation Area	PI Stretch	01-01-04		01-01-04	ON SCHEDULE
M-91-22	T Plant ready to rec. Canister & fuel wash sludge from K Basin	TPA Enforceable	02-29-04		02-29-04	ON SCHEDULE
M-91-07	Complete W -113 for Post 1970 CH TRU / TRUM Retrieval	TPA Enforceable	09-30-04		09-30-04	Under renegotiation. Date TBD
M-1-2	Consolidate Sitewide SNF in 200 A Dry Storage	PI Base	02-28-05		02-28-05	ON SCHEDULE
M-26-05L	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-05		08-31-05	ON SCHEDULE
M-5-2	Complete Thermal Treatment 600 m ³ MLLW by 12/31/05	PI Base	12-31-05		12-31-05	ON SCHEDULE
M-5-1B	Complete Treatment / Disposal 9820 m ³ of MLLW	PI Stretch	06-30-06		06-30-06	ON SCHEDULE
M-7-3C	Clear Remaining Stored Equipment from T Plant Canyon Deck	PI Stretch	06-30-06		06-30-06	ON SCHEDULE
M-4-1D	Retrieve 15,200 Suspect TRU Waste	PI Stretch	09-30-06		09-30-06	ON SCHEDULE
M-6-1A	Certify 580 m ³ of TRU waste	PI Stretch	09-30-06		09-30-06	ON SCHEDULE
M-6-1B	Complete 68 TRU Waste Shipments to WIPP	PI Stretch	09-30-06		09-30-06	ON SCHEDULE

PERFORMANCE OBJECTIVES

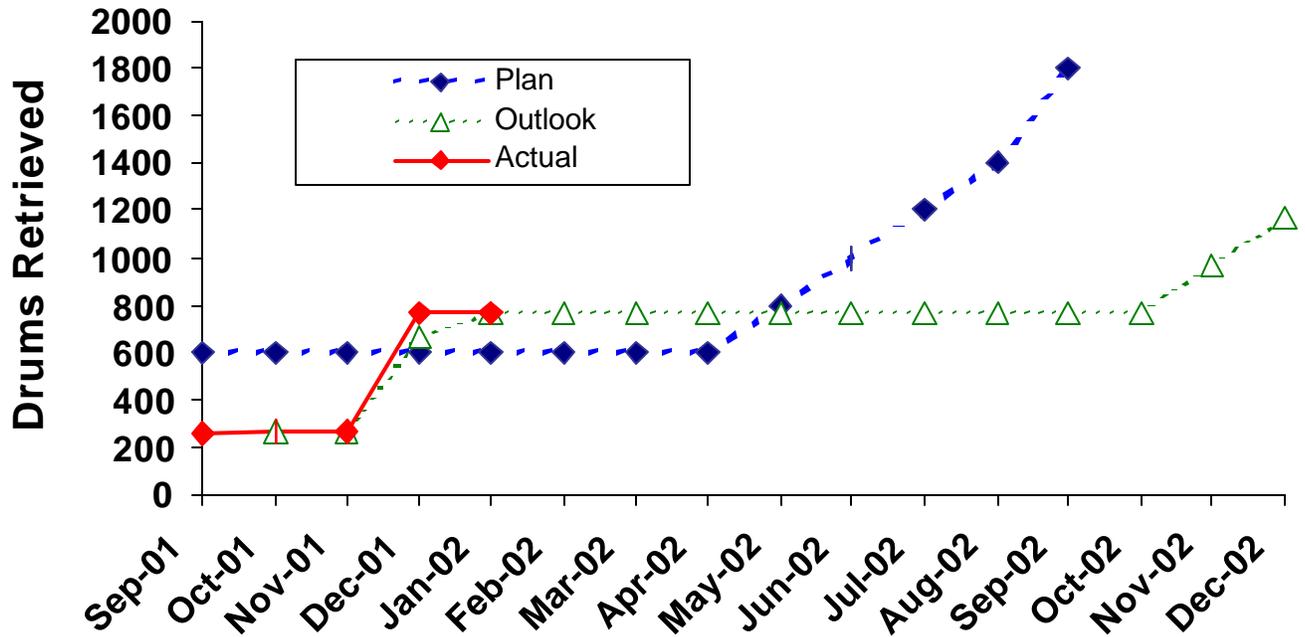
CERTIFY TRU WASTE (FHI-M6)



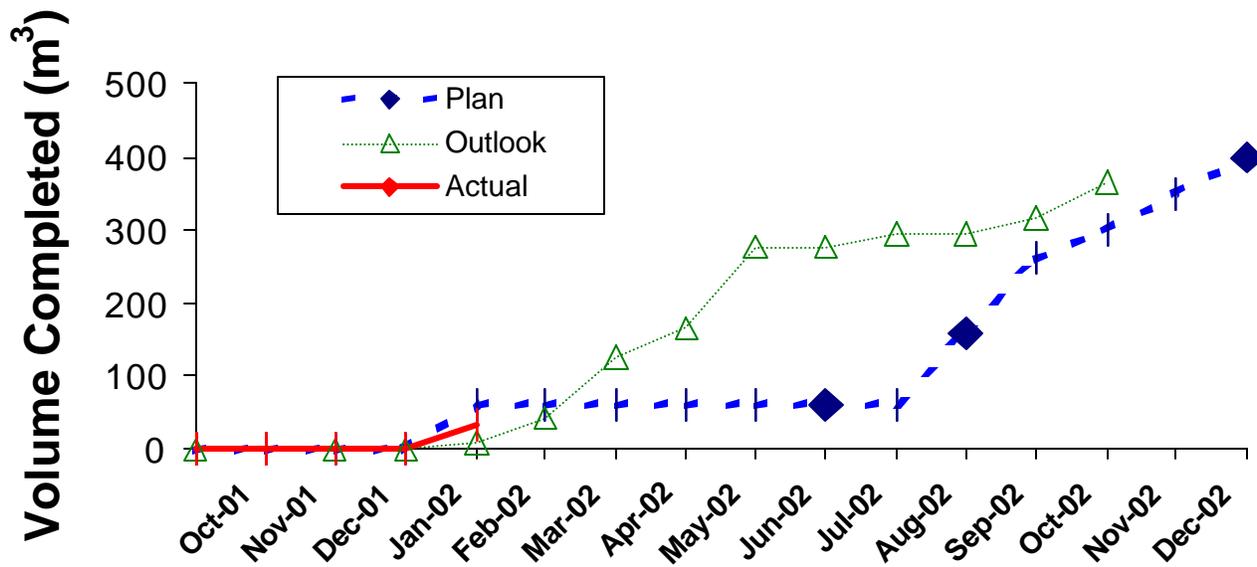
SHIP TRU WASTE (FHI-M6)



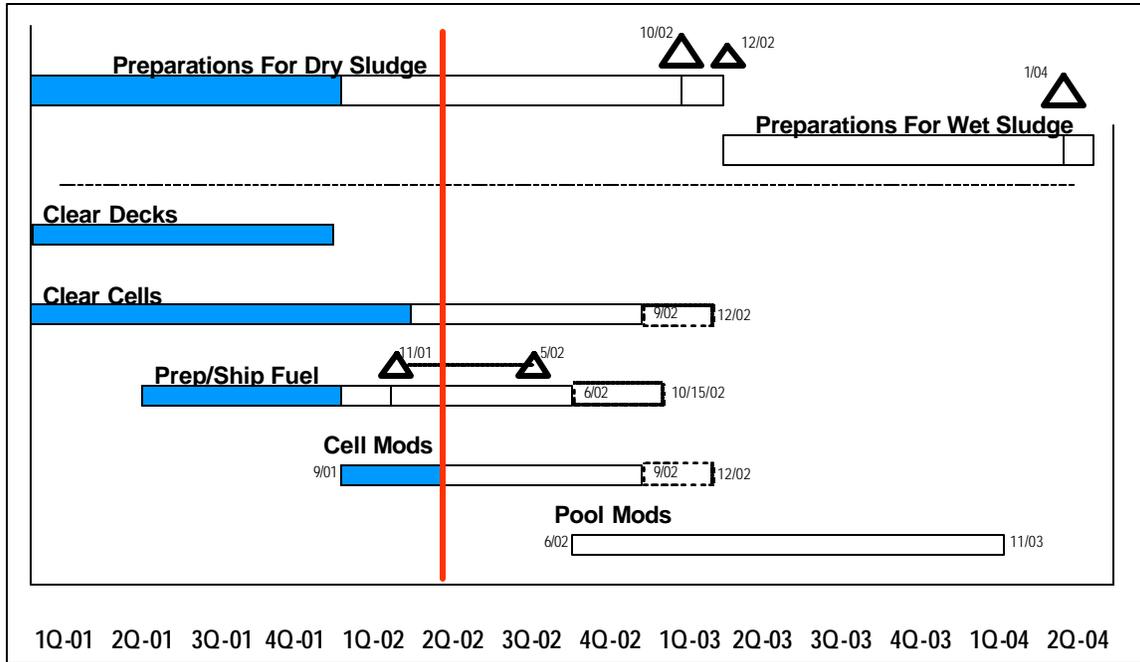
RETRIEVE TRU WASTE (FHI-M4)



TREAT AND DISPOSE MLLW (FHI-M5)



ACCELERATE READINESS TO RECEIVE K-BASIN SLUDGE (FHI-M7)



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

		FYTD								
		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	
PBS CP02	SW Storage & Disposal	\$ 3,420	3545	\$ 3,455	\$ 125	4%	\$ 90	3%	\$ 11,379	
WBS 3.3.2.1										
PBS CP02	MLLW Treatment	\$ 435	\$ 133	\$ 140	\$ (302)	-69%	\$ (7)	-5%	\$ 3,458	
WBS 3.3.2.2										
PBS CP02	SW Treatment	\$ 3,007	\$ 3,362	\$ 4,488	\$ 355	12%	\$ (1,126)	-34%	\$ 10,678	
WBS 3.3.2.3										
PBS CP02	TRU Program	\$ 3,748	\$ 4,679	\$ 3,600	\$ 931	25%	\$ 1,079	23%	\$ 13,310	
WBS 3.3.2.4										
PBS CP02	WESF	\$ 2,354	\$ 2,369	\$ 2,270	\$ 15	1%	\$ 99	4%	\$ 7,633	
WBS 3.3.2.5										
PBS CP02	200 A LWPF	\$ 4,653	\$ 4,886	\$ 4,832	\$ 232	5%	\$ 54	1%	\$ 15,750	
WBS 3.3.2.6										
PBS CP02	Project Management	\$ 6,523	\$ 6,402	\$ 5,611	\$ (121)	-2%	\$ 791	12%	\$ 18,985	
WBS 3.3.2.9										
Total		\$ 24,139	\$ 25,374	\$ 24,395	\$ 1,235	5%	\$ 979	4%	\$ 81,194	

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$1.2 million (5 percent) favorable schedule variance was primarily due to the progress on and/or completion of FY 01 carryover work scope and credit taken for the TRU Program for work completed in FY 2001. The favorable variance was offset by the T Plant ORR for the spent fuel removal being stopped to resolve and implement assessment comments. Also, MLLW Treatment production is limited at ATG while under Chapter 11.

The \$1.0 million (4 percent) favorable cost variance was primarily due to FY 2001 carryover workscope costing less than planned, contracts not being placed and credit taken for the TRU Program for work completed in FY 2001. Increased costs for the T Plant spent fuel removal ORR preparation and assessment corrective actions offset the favorable variance.

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: (+\$1.2M)

MLLW Treatment — 3.3.2.2/CP02

Description/Cause: The unfavorable schedule variance is a result of treatment production being limited at ATG while under Chapter 11.

Impact: The TPA milestone M-91-12A is unachievable.

Corrective Action: The trustee is in the process of analyzing the path forward to get ATG running again. Non-thermal activities have been identified and are proceeding. Formal notification to RL that TPA milestone M-91-12A is unachievable was submitted February 11, 2002.

SW Treatment — 3.3.2.3/CP02

Description/Cause: The favorable schedule variance is due to the FY 2001 work scope, T Plant pre-filter replacement, being completed in November and the continued effort on the T Plant fan replacement project. The favorable variance was offset by the T Plant ORR for spent fuel removal being stopped to resolve and implement assessment comments.

Impact: Spent Fuel removal has been delayed to May 2002.

Corrective Action: ORR corrective actions are being implemented and a path forward for spent fuel removal has been implemented.

TRU Program— 3.3.2.4/CP02

Description/Cause: The favorable schedule variance is due to BCWP taken in October for 3 WIPP shipments completed in FY 2001 and NDE/NDA being ahead of schedule in FY 2002. Also, the FY 2001 TRU retrieval activity for uncovered drums was completed in January.

Impact: There is no significant project impact at this time.

Corrective Action: No corrective action needed.

Cost Variance Analysis: (+\$1.0M)

SW Treatment — 3.3.2.3/CP02

Description/Cause: The unfavorable cost variance is due to the increased costs for the T Plant ORR preparation and assessment corrective actions.

Impact: T Plant will be over-run at year end.

Corrective Action: Actions have been implemented to resolve cost impacts to the WM Project.

TRU Program— 3.3.2.4/CP02

Description/Cause: The favorable cost variance is due to BCWP taken in October for 3 WIPP shipments completed in FY 2001 and completion of FY 2001 carryover work scope.

Impact: There is no significant project impact at this time.

Corrective Action: No corrective action needed.

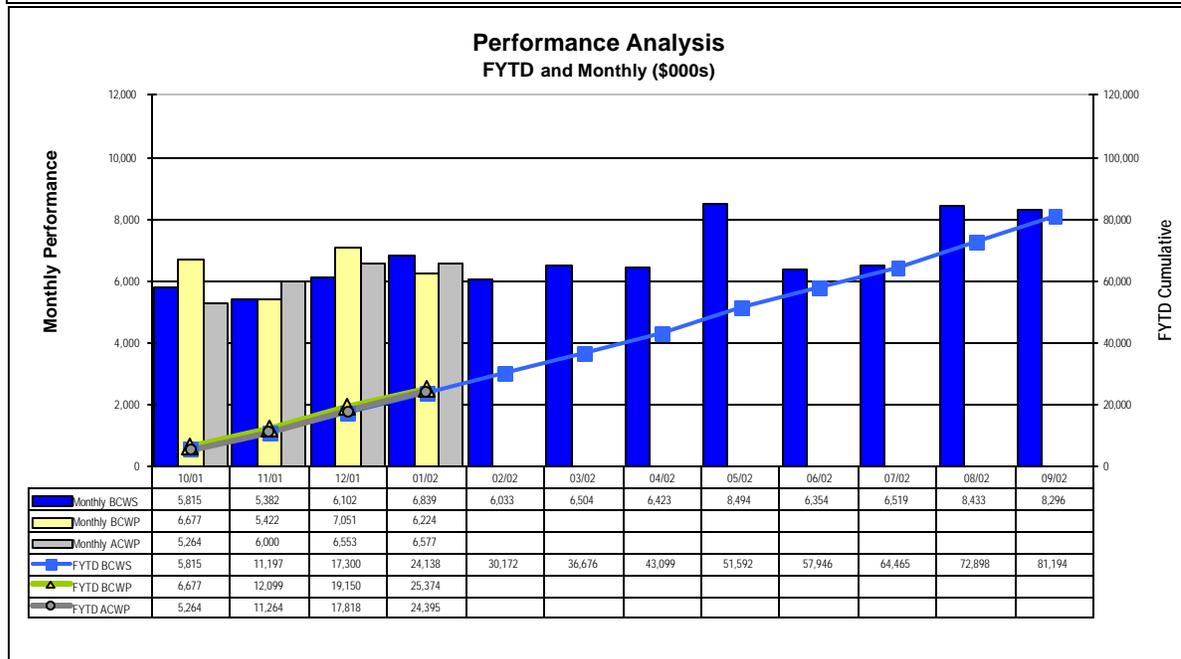
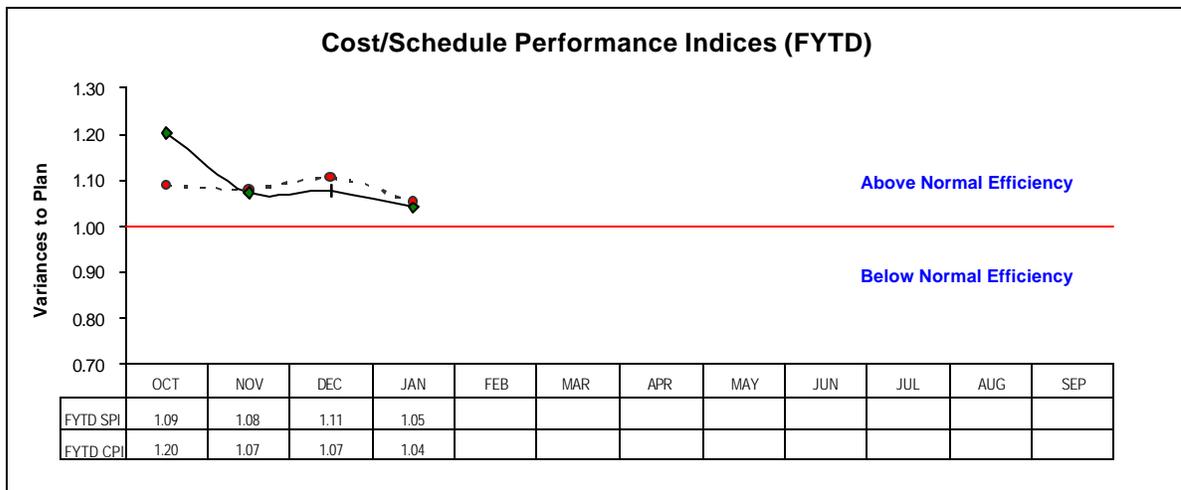
Project Management — 3.3.2.9/CP02

Description/Cause: The favorable cost variance is a result of contract work not yet initiated for CSER's, SW EIS and CDI.

Impact: There is no significant project impact at this time.

Corrective Action: Contracts were placed in January 2002 and work has been initiated.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FYTD FUNDS VS. SPENDING FORECAST (\$000)

	FH Funds Reallocation	FYSF	Variance
3.3.2 Waste Management			
CP02	\$ 77,353	\$ 80,013	\$ (2,660)
Total	\$ 77,353	\$ 80,013	\$ (2,660)

NOTES: (1) FH Reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.
(2) FYSF \$79M if TRU retrieval stopped 4/2/2002.

ISSUES

Technical Issue

Issue: Shippingport fuel movement schedules and T Plant cell cleanout schedules are impacted by the ORR delay.

Impact: Based on guidance from RL, the Contractor Independent Assessment of T Plant readiness, in progress since January 21, has been re-designated as a Management Self Assessment. Revision 2 to the ORR Plan of Action, submitted to RL for approval on February 4, 2002 was approved by RL on February 11, 2002.

Corrective Actions: A contractor ORR is scheduled for the period February 25, 2002 to March 08, 2002 with the week of February 19 to be used for pre-ORR training, indoctrination, and document review. A subsequent RL ORR is scheduled for March 20, 2002 to April 15, 2002. The first Shippingport fuel shipment from T Plant is scheduled for May 1, 2002 following a planned ten-day outage at the Canister Storage Building. Cleanout of cell 10L is complete, cleanout of cell 3L is fifty percent complete, and characterization sampling of cell 11L is being scheduled around ORR priorities. Coordinate with SNF and reschedule balance of T Plant production by April 2002.

External Issue

Issue: ATG's financial status jeopardizes project performance and TPA milestones.

Impact: Discussion with the banks, unsecured creditors, and federal courts continue. Alternatives continue to be considered with other commercial contracting entities under the "broad spectrum" contracts and on-site deployments. Return shipments of treated non-thermal waste streams commenced on February 3, 2002.

Corrective Actions: On-site treatment alternatives are continuing. Formal notification to RL that TPA Milestone M-91-12A is unachievable was provided on February 11, 2002.

DOE Requests

Issue: RL authorization of the safety basis for retrieval of buried TRU drums is critical path to startup during the third quarter of FY 2002.

Impact: The Hydrogen Accumulation Study was transmitted to RL on November 15, 2001. The TRU Retrieval Documented Safety Analysis (DSA) is in the final stages of preparation and a draft has been reviewed with RL.

Corrective Actions: Submittal to RL is planned for late February 2002. FH's readiness assessment will be scheduled following RL approval of the DSA.

Regulatory/DOE Issues

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY02 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
FH-2002-004	12/20/2001	DNFSB Recommendation 2000-2	\$25K		X	1/23/2002	1/23/2002	N/A	Implemented in January
ADVANCE WORK AUTHORIZATIONS									