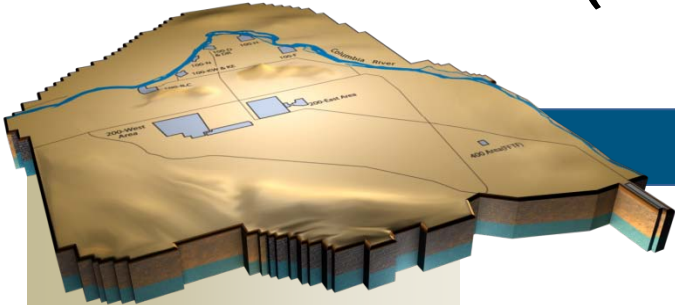


# Section C

## Solid Waste Stabilization and Disposition (RL-0013)



### Monthly Performance Report

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April 2010  
DOE/RL-2008-69, Rev. 18  
Contract DE-AC06-08RL14788  
Deliverable C.3.1.3.1 - 1

Preparing M-091-42 MLLW packages for off-site shipment to commercial treatment



A TRUPACT-II shipment is being prepared for shipment to the Waste Isolation Pilot

EX-USS-South  
Carolina RC at  
Hanford Town Site



## PROJECT SUMMARY

The Waste and Fuels Management Project (WFMP) focused on delivering safe, compliant performance.

### **American Recovery and Reinvestment Act (ARRA)**

Weekly and monthly Recovery Act Reporting continued. Shipped 29m<sup>3</sup> M/LLW and completed 132m<sup>3</sup> of M/LLW waste during the month. TRU Retrieval developed schedule for 3A Trench 8 retrieval and initiated preparation of the Retrieval Plan. Next Generation Retrieval (NGR) completed installation of the support facilities for the Trench Face Retrieval and Characterization (TFRC) system; occupancy is pending completion of identified punch list items. Alpha Caisson Retrieval continued final design of the remote retrieval system and preliminary design of the transfer module, processing cell, and maintenance module. TRU Project repackaged 210 TRU containers, shipped 301 containers, and received 211 containers at T Plant. The Waste Receiving and Processing Facility (WRAP) completed non-destructive examination (NDE) for 374 drums and 379 non-destructive assay (NDA) drums. The Environmental Restoration Disposal Facility (ERDF) container maintenance facility completed construction and turned the facility over to container maintenance operations. In addition, all 14 new roll-on/roll-off-style trucks for transporting containers have arrived on site. The mixed waste disposal trenches received five offsite shipments (27 containers) and shipped two leachate Beall tankers to the Effluent Treatment Facility (ETF).

### **Base**

The WFMP continued maintaining facilities in a safe and compliant condition. The Waste Encapsulation and Storage Facility (WESF) continued support to Energy Savings Performance Contract construction demolition and upgrade activities. The Canister Storage Building completed MHM quarterly interlock checks. The Central Waste Complex (CWC) received 19 on-site transfers (521 containers), three off-site shipments (seven containers), shipped six off-site shipments (45 containers), and 61 on-site transfers (956 containers). Low Level Waste Burial Grounds (LLBG) received the EX-USS South Carolina (Plant 1) Reactor Compartment from the Port of Benton to Trench 94 and placed in final disposition on April 15. The 200 Area Treated Effluent Disposal Facility (TEDF) discharged 55M gallons. Slightly Irradiated Fuel Project awarded George A. Grant, Inc. (general contractor) for Project W-105, Interim Storage Cask Pad #3 (Container Restraint System). The Mixed Waste Disposal Trenches completed the placement of the final six-inch grout lift for waste stabilization on Cells Number #4 & Number #10 after a delay pending warmer weather.

## EMS Objectives and Target Status

Objective #	Objective	Target	Due Date	Status
09-EMS-WFM-OB1-T1	Reduce the potential for releases from TRU Retrieval Waste repackaging activities in the LLBG.	Implement a point-of-generation approach to waste management that minimized the transport and handling of wastes.	10/1/11	On schedule
		No exceedances of permit conditions. Participate in readiness assessment and establish process to confirm permit levels have been met.	9/30/2010	On schedule
10-EMS-WFM-OB2-T1	Reduce the levels of air pollution and increase the energy efficiency of WESF Plant heating and cooling operations.	Eliminate the use of the refrigerant R22.	2/26/2010	Behind schedule ECD 9/30/2010
		Inactivate the fuel oil fired steam plant and replace with heat recovery chiller and electrical resistance heaters.	2/26/2010	Complete August 2009
10-EMS-WFM-OB3-T1	Reduce the generation of waste through implementation of pollution prevention practices.	Conduct a pollution prevention assessment of waste packaging and other operations at T-Plant to identify waste minimization opportunities.	3/30/2010	On schedule

## TARGET ZERO PERFORMANCE

	Current Month	Rolling 12 Month	Comment
Days Away, Restricted or Transferred	0	2	N/A
Total Recordable Injuries	0	4	N/A
First Aid Cases	9	67	<p>4/01/10 an ETMEC maintenance teamster reported having back pain after delivering two 55gal drums to the paint shop, where the employee and two others had rolled the drums onto a pallet and used a fork truck to move the drums to their final storage location. The employee was transported to AMH, diagnosed with acute severe mid back pain/spasm and provided cold pack, OTC meds, and returned to work without restriction. (20823)</p> <p>4/5/10 an ETMEC NCO at T-Plant received a puncture to the right thumb while reaching for an 85 gallon drum; a metal sliver on the bottom ring pierced the right thumb just below the joint. NCO was wearing proper PPE, cotton liners, two pair of surgeons and a set of leather gloves. NCO left the area and received radiological surveys with no contamination detected. NCO was taken to AMH and evaluated, returned to work with only the requirement to wear a waterproof bandage if working in areas likely to have</p>

	Current Month	Rolling 12 Month	Comment
			<p>radiological or chemical contamination. (20828)</p> <p>4/5/10 Employee missed a step when exiting the water truck, and fell onto right knee and right hand. Employee received lacerations to hand and bruised right knee. AMH treated the employee and returned to work without restriction. (20829)</p> <p>4/6/10 an ETMEC NCO reported that a wind gust caught the rolling stair as it was being positioned to gain to access to an incoming waste shipment at the Mixed Waste Trench 31 in 200W. The employee attempted to “catch” the stair which strained the NCO’s back. The employee was evaluated at AMH and returned to work without restrictions. (20841)</p> <p>4/07/10 an ETMEC NCO at T-Plant experienced sharp pain in the left hip and back when stepping off a 5” platform in the process room of Perma-Con 1. Employee was transported to Kadlec by ambulance accompanied by the Operations Supervisor. Employee was released from the hospital to go home and rest. Tentative diagnosis is suspected back sprain. NCO was prescribed prescription muscle relaxers and given days off from Kadlec. (28051)</p> <p>4/19/10 a PRC NCO at WRAP reported a rash on the right inner forearm. Employee was evaluated at AMH and returned to work without restrictions. (20863)</p> <p>4/21/10 Employee experience back pain when rolling water hose in preparation for assigned work activity. Employee was evaluated at AMH, and returned to work without restriction. (20872)</p> <p>4/22/2010 an ETMEC electrician at WRAP was walking from 2336W to 2620W for lunch (1900 hrs) when the individual experienced irritation in the left eye due to a dirt particle. The individual was taken to AMH, where the eye was flushed to remove the dirt particle. The individual was returned to work without restriction. (20881)</p> <p>4/27/10 an ETMEC NCO at CWC reported pain in their upper back and was taken to AMH for evaluation. The employee had been preparing containers for upcoming shipments to a treatment facility. NCO was given OTC medication and returned to work with minor restriction that can be accommodated. (20894)</p>
<b>Near-Misses</b>	0	0	N/A

## KEY ACCOMPLISHMENTS

### ARRA

#### 13.01 Project Management

- Training continued for the ARRA funded staff
- Continuing weekly and monthly ARRA reporting

#### 13.02 Waste Encapsulation and Storage

- Disposition of cesium/strontium capsules
  - Completed development and submittal of technical input for cesium and strontium capsule dry storage in the *Environmental Impact Statement for Retrieval, Treatment, and Disposal of Tank Waste and Closure of Single-Shell Tanks at the Hanford Site, Richland, WA (TC&WM EIS)*

#### 13.04 Mixed Low Level Waste (MLLW) Treatment

- Shipped 29m<sup>3</sup> of ARRA funded MLLW to treatment facilities, and completed 132m<sup>3</sup>
- Public comments on the “P015 Drum” Site Specific LDR Variance were dispositioned and Ecology is preparing the final approval documentation.
- M-91-42 TPA:
  - 25.7m<sup>3</sup> shipped and 52.9m<sup>3</sup> completed during month
  - 8,184m<sup>3</sup> shipped and 8,081m<sup>3</sup> completed since January 2003 (Base & ARRA)
- M-91-43 TPA:
  - 13.6m<sup>3</sup> shipped and 5.2m<sup>3</sup> completed during month
  - 707m<sup>3</sup> shipped and 667m<sup>3</sup> completed since January 2003 (Base & ARRA)

#### 13.05 TRU Retrieval

- Continued work on Retrieval Corrective Action Plan to address hazard identification, control, and event response improvements.
  - Performed operational drills
  - Conducted training on new/revised procedures, Industrial Hygiene sampling, use of metal detector, and acceptable walking paths
  - Closure of independent review and senior management/RL is in process
- Issued 3A Trench 17 Retrieval Plan RP-1
- Revised and issued work packages for repairing 3A Trench 17 Fiberglass-reinforced plywood (FRP) boxes and removing roof/walls/inspecting Box 82
- Completed subsurface survey around 3A Trench 17 Boxes 13-23
- Continued 4B Trench 11 Recovery Plan to obtain SUMMA canister samples from site of 2/4/10 event and provide basis to move the exclusion area to the trench boundary.
- Developed schedule for 3A Trench 8 retrieval and initiated preparation of the Retrieval Plan.
- Dismantled 4C Process Area tent and began transporting components out of 4C.
- Next Generation Retrieval (NGR)
  - Installed the ANTECH Neutron and Gamma assay trailers.
  - Installed the RapidPort® Drum Venting Station.
  - Satisfactorily completed the Drum Warming Unit factory acceptance test.
  - Completed installing the support facilities for the TFRC system; occupancy pending completion of identified punch list items.
  - Issued the Trench Face Process System (TFPS) procurement specifications.
- Alpha Caisson Retrieval
  - Completed draft Fire Hazards Analysis (FHA)
  - Finalized optimization study recommendations and forwarded to design contractors for integration into the designs; ~\$7M savings.

- Issued expression of interest on the Remote Retrieval System; to date four contractors have requested bid documents.
- Continued development of Baseline Change Request to align planning with Conceptual Design Report.
- Continued final design of the remote retrieval system and preliminary design of the transfer module, processing cell, and maintenance module.

### **13.06 TRU Repackaging**

- 216-Z-9 Repack Campaign – Successfully configured a mock-up drum of repackaged 216-Z-9 waste. Mock-up drum X-rayed by the Central Characterization Project (CCP) the inner can venting process was approved and will be incorporated into the repack process.
- Completed qualifications for the last group of new NCO's achieving the goal of four fully-qualified repack lines operating at T-Plant.
- Repacked 187 drums at T-Plant
- Completed repairs to the Empty Drum Compactor and compacted 210 containers
- Shipped 301 containers from T Plant
- Received 211 containers at T Plant
- Shipped eleven LLW drums to ERDF
- Shipped one empty roll off box to ERDF

### **13.07 Waste Receiving and Processing Facility (WRAP)**

- NDE 374 drums
- NDA 379 Non-WIPP drums
- Received 37 drums from the Plutonium Finishing Plant (PFP)
- Continued OJT/OJE for TRUPACT II, NDE, NDA, Shipping/Receiving for nuclear chemical operators (NCOs)
- Supported annual visit from Los Alamos National Laboratory, Colorado to review Hanford's Comprehensive Inventory Database (CID). Only minor comments were received.

### **13.10 ERDF Additional Capabilities**

- Issued the Management Assessment of the container maintenance facility
- Operations are preparing to begin routine container maintenance activities at the facility beginning with gasket replacement on several of the roll-off containers
- All 14 of the new roll-on/roll-off style trucks are onsite

### **13.15 TRU Disposition**

- Allocated 90 SWBs from Next Generation Retrieval to TRU Disposition to support SWB over pack loading for WIPP Shipping; Notice of potential change for SWBs submitted to the DOE Contracting Officer.
- Delivered 734 boxes of records to WIPP Records Holding area
- CCP Support:
  - Supported CCP's CBFO/NMED and EPA audits
  - Public Release process: clearing documents on schedule at rate of 150 a week

### **13.21 Mixed Waste Disposal Trenches**

- Shipped one leachate Beall tanker to ETF
- Received ten offsite shipments, 43 containers

**Base****13.02 Capsule Storage & Disposition**

- WESF
  - Continued support to Energy Savings Performance Contract construction demolition and upgrade activities

**13.03 Canister Storage Building**

- Completed initial personnel qualification on Multi-Canister Overpack Handling Machine (MHM) Fall Protection practical training
- Completed MHM quarterly interlock checks

**13.07 Waste Receiving and Processing Facility (WRAP)**

- Maintained the facility in a safe and compliant condition

**13.08 T Plant**

- Maintained the facility in a safe and compliant condition

**13.09 Central Waste Complex (CWC)**

- Completed six off-site shipments, 45 containers
- Completed 61 on-site transfers, 956 containers
- Received 19 on-site transfers, 521 containers
- Received three off-site shipments, seven containers
- CWC presented Polyurea application onto FRPs containers to the first CHPRC Joint Evaluation Team (JET) which included RL. Presentation to determine what level of start-up readiness to perform for start of Polyurea onto FRP boxes. RL will evaluate and notify CHPRC at a later date if RL agrees with the JET to perform a Management Assessment.
- CWC worked three swing shifts to accept road closure shipments from offsite generators. Worked one swing shift and graveyard to perform fire watch on panel in 2403-WC. Worked two overtime shifts to support Ground Water by removing a portion of East fence, prepare a pad for a future well site, and install new fence around the well site.
- On three occasions CWC staffed the Incident Command Post (ICP) due to liquids within CWC buildings to assure scope and actions were within the scope of the CWC Management Directive for “Verification and Sampling of Liquid in the CWC Buildings.”
- LLBG
  - 218-W-5 Mixed Waste Trench 34 – Completed the placement of the final six inch grout lift for waste stabilization on Cells number #4 & number #10, delay was due to waiting for warmer weather.
  - 218-W-3AE – Completed the back fill to grade over Trench16
  - 218-E-12B – Received the EX-USS South Carolina (Plant 1) Reactor Compartment from the Port of Benton to Trench 94 and placed in final disposition on April 15.
  - 218-E-10 – Working with Balance of Site to survey E10 with Rad Rover Tractors to determine extent of conditions in attempt to mitigate contaminated areas/tumbleweeds and to eventually turnover E10 burial ground to BOS. Entire South side is completed; North side will finish in May.

**13.11 Liquid Effluent Facilities (LEF)**

- Received (April) 65 tankers; (90K gallons)
- Treated (April) 2.6M gallons
- 200A TEDF discharged (April) 55M gallons
- Received ERDF leachate (75K gallons) at LERF Basin 44
- Received 50k gallons of modu-tank wastewater to Liquid Effluent Retention Facility (LERF) Basin 44
- Shipped 80 powder drums to ERDF

- Received eight drums of Waste Sampling and Characterization Facility wastewater
- Pumped 18 customer wastewater drums into the concentrate tanks
- Maintenance activities
  - Replaced Thin Film Dryer (TFD) distillate heat exchanger
  - Repaired cooling water blow-down pump (95C-P-2)
  - Replaced temperature element in TFD room
  - Completed Department of Transportation running gear inspection for 3 tankers
  - Performed inspection of rotor on TFD vessel
  - Completed installation of new PC5000 Leak Detection System (Washington River Protection Solutions ARRA-funded)
  - Completed repairs to Pump Station #3, Pump 60I-P-A1
  - Completed installation of scaffold and repaired plugged line on concentrate P-4 loop
  - Completed repairs to chemical addition pumps 65C-P-8 and 65C-P-9
- 310/340 Facilities
  - Completed Operability Acceptance Testing; working punch list items
  - Operating the Retention Transfer System; 14 batches (421k gallons) discharged to City of Richland
  - Continued performing preventive maintenance activities at 310/340 for systems that will remain active after turnover (HVAC, fire, and compressed air)

### 13.12 Integrated Disposal Facility

- Maintained the facility in a safe and compliant condition

### 13.16 Off Site Spent Nuclear Fuel (SNF) Disposition

- Slightly Irradiated Fuel
  - Construction contract for Project W-105, *Interim Storage Cask Pad #3 (Container Restraint System)*, was awarded to general contractor George A. Grant, Inc.

### 13.21 Mixed Waste Disposal Trenches

- Maintained the trenches in a safe and compliant condition

## MAJOR ISSUES

**Issue Statement** – Retrieval Operations stand-down was directed due to week of February 1, 2010 events in 4B Trench 11.

**Corrective Actions** – Develop Retrieval Corrective Action Plan (CAP).

**Status** – Excavation and removal activities on hold until hazard identification & control, and event response improvements have been completed which impacts retrieval volume targets and milestones.

**Issue Statement** – Contract issues with AREVA delayed start of preliminary design for Alpha Caisson Project Waste Processing System.

**Corrective Actions** – Evaluate schedule crash/fast-track options to not impact critical path for Project. (October 2010)

**Status** – Potential four-week Project schedule impact.



## RISK MANAGEMENT STATUS

Unassigned Risk  
Risk Passed  
New Risk

● Working - No Concerns      Increased Confidence  
● Working - Concern      No Change  
● Working - Critical      Decreased Confidence

Risk Title	Risk Strategy/Handling	Assessment		Comments
		Month	Trend	
WSD-007: TRU Retrieval Contamination Levels	Accelerate "next generation" retrieval	●	↔	No near-term impacts
WSD-008: Classified Waste Storage Limitations	Implement mobile shredding; evaluate establishing secure storage at CWC or other location	●	↓	Is questionable mobile shredding feasibility
WSD-013A: TRU Waste Volumes or Characteristics - Retrieval	Implement in-trench assaying as part of Next Generation retrieval	●	↓	Encountering issues regarding unexpected waste volumes /characteristics .
WSD-013B: TRU Waste Volumes or Characteristics - Processing	Use ARRA funds to add additional process lines	●	↔	No issues regarding unexpected waste volumes or characteristics experienced to date
<b>WSD-018: CSB Major Equipment Failure</b>	<b>Risk accepted without mitigation</b>	●	↔	<b>Risk is very unlikely; reclassified as Unassigned Risk</b>
WSD-025: Unexpected Waste Volumes/Characteristics	Work with generators to update forecasting data monthly/quarterly/semi-annually	●	↔	Waste volumes to ERDF significantly greater than projected due to ARRA work acceleration
WSD-043: Orphan Wastes	Obtain regulatory relief for "no path forward" wastes	●	↔	Working to identify treatment options for all waste currently in storage
PRC-042: Resource Availability	Evaluate onsite posting of additional positions, substitution of less radiologically intensive work in lieu of currently scheduled higher risk work, consolidating work teams/work areas, etc. Conduct job fairs; contract with alternate resource providers; develop training programs and work with local educational facilities and union halls to train required job specialties; establish company-wide prioritization for resource assignments	●	↑	RCT shortage will impact TRU retrieval; teamster shortage may temporarily impact waste shipments to ERDF. RCT Hired and in training. Teamsters hired and in training.
Retrieval Area Issues	<b>Potential to impact project scope, schedule and cost as a result of issues identified outside the RS burial grounds.</b>	●	↑	Issues with the Non-RS burial grounds resolved.

## PROJECT BASELINE PERFORMANCE

### Current Month

(\$M)

WBS 013/RL-0013 Waste and Fuels Management Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)
<b>ARRA</b>	12.2	15.4	13.7	3.3	26.7	1.8	11.4
<b>Base</b>	<u>9.5</u>	<u>8.8</u>	<u>8.5</u>	<u>(0.7)</u>	-7.0	<u>0.3</u>	3.2
<b>Total</b>	<b>21.7</b>	<b>24.3</b>	<b>22.2</b>	<b>2.6</b>	<b>11.9</b>	<b>2.0</b>	<b>8.4</b>

Numbers are rounded to the nearest \$0.1M.

### ARRA

#### CM Schedule Performance (+\$3.3M/+26.7%)

RL-0013 MLLW Treatment – Within Threshold – Receipt of final ERDF transport trucks scheduled for prior months, partially offset by less than planned MLLW shipments due to delay in receipt of waste from the Retrieval Project and delayed procurement of a Large Type A container due to lack of qualified suppliers.

RL-13 TRU Waste – Recovery of understated prior period Next Generation Retrieval training and site preparation activities and a realignment of retrieval metrics to reflect impact of unknown item in Trench 10; partially offset by a delay in hiring/training for TRU Characterization due to delays in the initiation of full CCP characterization program.

#### CM Cost Performance (+\$1.8M/+11.4%)

RL-0013 MLLW Treatment – Within Threshold – Higher costs for ERDF maintenance facility due to additional safety and environmental requirements; partially offset by efficiencies in the disposal of 435.1 Compliance waste.

RL-0013 TRU Waste – TRU Retrieval performance allocation taken for previous months' engineering and planning support costs for Restart activities, and efficiencies in training; partially offset by continuing to incur increased allocation for additional office space as a result of increased ARRA expenditures, and unaccrued costs for prior work for Next Generation RH Waste Retrieval System design.

### Base

#### CM Schedule Performance (-\$0.7M/-7.0%)

Within Threshold, however, TRU Repackaging – shipments of low gram TRU waste did not occur as planned, and TRU Retrieval installation activities for Kelly Klosure are behind schedule due to delayed delivery associated with corrections for hoist and trolley issues.

#### CM Cost Performance (+\$0.3M/+3.2%)

TRU Retrieval – delayed accruals for delivered prefabricated shells for Long Term Box Storage and Kelly Klosure, and progress claimed this period for prior month's completion of NGR Special Packaging Authorization activity, Mixed Waste Disposal Trenches accounting correction, LEF Base Ops continued efficiencies, and erroneous credit for materials (correction in May); partially offset by Assessments, Training and Transportation & Packaging above plan (under review for correction and possible cost transfers to responsible projects).

## Contract-to-Date (CTD) (\$M)

WBS 013/ RL-0013 Waste and Fuels Management Project	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 (BAC)	Estimate at Completion (EAC)	Variance at Completion (VAC)
<b>ARRA</b>	98.5	95.2	91.7	(3.4)	-3.4	3.5	3.6	299.3	294.1	5.3
<b>Base</b>	201.3	197.4	194.0	(3.9)	-1.9	3.4	1.7	1,568.3	1,566.2	2.1
<b>Total</b>	<b>299.8</b>	<b>292.5</b>	<b>285.7</b>	<b>(7.3)</b>	<b>-2.4</b>	<b>6.9</b>	<b>2.3</b>	<b>1,867.7</b>	<b>1,860.3</b>	<b>7.4</b>

Numbers are rounded to the nearest \$0.1M.

### ARRA

#### CTD Schedule Performance (-\$3.4M/-3.4%)

RL-13 MLLW Treatment – Accelerated disposal of 435.1 compliance waste; partially offset by reduced MLLW shipments due to delay in receipt of waste from the Retrieval Project, delayed procurement of a Type A Waste container due to lack of qualified suppliers.

RL-0013 TRU Waste – Next Generation Retrieval site preparation performed in series versus parallel and staff training delayed due to higher priority Retrieval activities, and delayed progress in TRU Characterization due to delays in the initiation of full CCP characterization program, and delays in the design of RH TRU Waste Retrieval Processing System associated with design complications and contract startup issues.

#### CTD Cost Performance (+\$3.5M/+3.6%)

RL-0013 MLLW Treatment – Costs for waste treatment below plan due to efficiencies created by treating waste at ES-Clive rather than planned treatment at Perma-Fix Northwest (due to a waiver received from RL) and efficiencies in Facility base operations and upgrades.

RL-0013 TRU Waste – Within Threshold – Increased allocation for additional office space and Project Services as a result of increased Recovery Act expenditures; increased TRU Retrieval engineering and technical support to mitigate deteriorated waste containers and upset conditions; partially offset by delay in hiring/training for TRU Characterization and Shipping due to delays in initiation of full CCP characterization program and efficiencies in TRU Retrieval training and design of Trench Face Processing System.

### Base

#### CTD Schedule Performance (-\$3.9M/-1.9%)

TRU Repackaging – shipments of low gram TRU waste did not occur as planned, and TRU Retrieval installation activities for Kelly Klosure are behind schedule due to delayed delivery associated with corrections for hoist and trolley issues.

#### CTD Cost Performance (+\$3.4M/+1.7%)

Decreased allocation for G&A/Direct Distributables, efficiencies in LEF and MLLW (due to treating waste at ES-Clive rather than planned treatment at PFNW due to a waiver received from RL), and labor under plan for Nuclear and Criticality Safety; partially offset by continued use of MSC support services & Fleet Services, Training and Transportation and Packaging above plan (under review for corrections and possible cost transfers to responsible projects), and TRU Retrieval additional resources to deal with deteriorated containers/85 gallon drum issues.

**Contract Performance Report Formats are provided in Appendix A and Appendix A-1.**

## FUNDS vs. SPEND FORECAST (\$M)

WBS 013/RL-0013 Waste and Fuels Management Project	FY 2010		
	Projected Funding	Spending Forecast	Variance
<b>ARRA</b>	151.7	129.9	21.8
<b>Base</b>	<u>108.7</u>	<u>101.4</u>	<u>7.3</u>
<b>Total</b>	<b>260.4</b>	<b>231.3</b>	<b>29.1</b>

Numbers are rounded to the nearest \$0.1M.

### Funds/Variance Analysis

Projected funding includes FY 2009 uncosted and FY 2010 expected new budget authority.

### Critical Path Schedule

Critical path analysis can be provided upon request.

### Estimate at Completion (EAC)

The BAC and EAC now include FY 2009 through FY 2018.

### Baseline Change Requests

BCRA-R13-10-004R0, Next Generation TRU Schedule Re-Phase.

## MILESTONE STATUS

Tri-Party Agreement milestones represent significant events in project execution. RL Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The PRC Baseline Revision 2, submitted in January, defines CHPRC planning with respect to TPA milestones.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
M-091-45	Complete Negotiations And Submit Change Package Replacing Specified M-91 TBD Dates	TPA	4/30/10	4/20/10		Completed
M-091-03D-01	Submit Annual Revision of TRUM and MLLW PMP to Ecology	TPA	6/30/10			On schedule
M-091-40G-T02	Retrieve CH-RSW 10,700 Cubic Meters (Cumulative)	TPA	9/30/10			On schedule
M-091-42J-T02	Treat 200 Cubic Meters of CH TRUM by 9/30/10	TPA	9/30/10			Proposed for deletion by approved Tentative Agreement. Awaiting contract direction.

## SELF-PERFORMED WORK

The Section H. clause entitled, Self-Performed Work, is addressed in the Monthly Report Overview.

## GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
<b>CONTRACT</b>			
J.12/C.2.3.6	PBS-13, Transuranic Waste Certification	WIPP provides shipping resources and manages the schedule for transportation of these containers to WIPP. The schedule is variable and the number of shipments is controlled by DOE-HQ on a complex-wide priority. Cost for shipment of TRU waste offsite is borne by the CBFO.	Ongoing