

# PHMC Contract Overview

**R. G. Gallagher, President and Chief Executive Officer/(509) 376-3576**



*Accessing FFTF Cell 522's primary Heat Transport System valve for sodium drain*



*Mobile Solidification System (MOSS) fabrication*



*Large Diameter Container disposal at ERDF*



*212-N Facility*



*241-Z Cell D6 process piping removal*



*A-4 Borehole worksite*

## Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of December 2006.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective cleanup; progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

## Notable Accomplishments

### Nuclear Materials Stabilization and Disposition (Project Baseline Summary [PBS] RL-0011)

#### Disposition the Plutonium Finishing Plant (PFP) Facility

- Shipped the final T-3 cask containing the remaining 40 sodium bonded fuel pins to the Fast Flux Test Facility (FFTF)
- The 241-Z RCRA closure certification was approved by RL and forwarded to Ecology on December 20, 2006
- Installed the remaining 8 vertical grating reinforcement posts (total of 13) in Cell D6
- Removed approximately 540 pounds of Cell D6 process piping in 241-Z bringing the overall process piping removal to 49 percent complete
- Isolated service piping to glovebox 179-12 and process air and water to glovebox 179-9
- Designed a Standard Waste Box (SWB) sleeve to allow container inspection during the loading of the SWBs
  - Required for visual examination of the transuranic (TRU) waste non-standard containers

### Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012, Solid Waste Stabilization and Disposition, RL-0013, and Nuclear Facilities D&D, RL-0041)

#### SNF Stabilization and Disposition (PBS RL-0012)

- **K East Containerization:** Completed removal of 223 total debris units; completed readiness to demonstrate the Qualified Process; and completed the final pass vacuuming rate verification.
- **K West Retrieval:** Commenced vacuuming in the east bay, and removal of the Canister Cleaning Station; revised operating procedures to facilitate simultaneous vacuuming and Hose-in-Hose (HIH) transfer operations.
- **Hose-in-Hose (HIH) Transfer:** Transferred and estimated 2.0 cubic meters (m<sup>3</sup>) from SCS-CON-102 container, and installed in-line strainers and dilution line at container outlet, achieving increased run time.
- **Legacy Fuel:** Completed K Basin and Cold Vacuum Drying Facility (CVDF) Authorization Basis revisions for suspect fuel.

## Notable Accomplishments, continued

### Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012, RL-0013, and RL-0041), continued

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

**Sludge Treatment Project (STP):** Completed 100 percent design, initiated FH review for acceptance, and issued Request for Proposal (RFP) for Corrosion System fabrication; received RL approval to award fabrication contract and received contract RFP responses for Assay System; fabrication 70 percent complete for the Mobile Solidification System (MOSS); received approval from RL to award Drum Handling Systems contracts, completed associated RFPs, and awarded Shield Window contract; received RL approval to award primary transfer pump contract and initiated British Nuclear Group America (BNGA) final review of 100 percent design submittal; awarded contract to provide and install new CVDF Bay 1 bridge crane; continued working to resolve RL comments on Volume 2, *Revision 0 of Preliminary Documented Safety Analysis (PDSA)* and submitted Volume 2, *Revision 0 of PDSA* to RL for review and approval on December 28, 2006; supported RL "what if" exercises related to resolution of FY 2008 funding issue and RL preparation for STP Critical Decision 2/3; held interim HIH lessons learned session on December 14, 2006; and completed negotiation and implemented Modification 9 to BNGA contract addressing updated definition of installation packages deliverables and fee agreement.

#### Solid Waste Stabilization and Disposition (PBS RL-0013) and Operate Waste Disposal Facility (PBS RL-0080)

- Four shipments (43 cubic meters [m<sup>3</sup>]) to the Waste Isolation Pilot Plant (WIPP) were completed in December 2006.
  - A backlog of 529 m<sup>3</sup> of certified waste was available for shipment at the end of December 2006.
- A total of 45 m<sup>3</sup> of suspect TRU waste was retrieved during December 2006.
  - Initiated vapor extraction in 218-W-4B, Trench 7.
  - Completed Weather Enclosure installation in 218-E-12B.
- Dispositioned 19 m<sup>3</sup> of Mixed Low-Level Waste (MLLW) during December.
  - Production volumes are lower than planned due to weather impacts and recovery efforts at PEcoS from the Am-241 incident.
- Completed a revision to the M-91 Project Management Plan (PMP) in December, meeting Tri-Party Agreement commitment M-091-03D, "*Submit Revision of TRUM and MLLW PMP to Ecology.*"

## Notable Accomplishments, continued

### Safeguards and Security (PBS RL-0020)

- Completed thorough hazard-identification project for area surrounding Plutonium Finishing Plant; removal of hazards is ongoing
- Completed Central Waste Complex, Physical Security Upgrade Project 2402WG Limited Area
- Completed modification of 2704Z and Patrol relocation
- Completed incumbent Security Police Officer upgrade training for Tactical Response Team
- Completed planned implementation of Elite Force

### Soil and Water Remediation Groundwater/Vadose Zone (PBS RL-0030)

- **Drilling**
  - Four TPA monitoring wells were constructed to monitor carbon tetrachloride and technetium 99 in 200 West area.
  - Two wells are being drilled to monitor and provide information on groundwater flow in 200 East for the 200-BP-5 Operable unit.
  - Two TPA monitoring wells were constructed, and one well is being drilled at the 100K area.
  - Nine treatability test wells in the 300-FF-5 Operable Unit have been accepted. These wells are the injection wells for the Phosphate treatability test.
- **River Corridor**
  - Completed characterization boreholes to sample groundwater for plutonium beneath the 618-2 burial ground in the 300-FF-5 Operable Unit.
  - Completed 300 and 100-D Area aquifer tube sampling. Aquifer tubes sample groundwater at the river interface.
  - Awarded contract for iron injection to enhance the ISRM barrier (EM-22)
  - Completed startup of the 100 K West treatment system approximately two weeks ahead of schedule. This treatment system targets a chromium plume near the KW reactor.
- **Integration**
  - Completed transects for 6 High Resolution Resistivity (HRR) lines around B/BX/BY. These transects are part of the Integrated HRR field work between Groundwater Remediation and Tank Farms to identify contamination in the soil zone.
  - Delivered a communications plan for the Key Parameters Decision document to DOE-RL.
  - Accelerated pipeline mapping; the results for completed sites are now available in the QMAP system.
  - Distributed the draft 200 Area FY 2006 Annual Report for the Pump & Treats (DOE/RL-2006-73) for internal review.
  - Distributed a draft of the Hanford Site Annual Groundwater Report for FY 2006 within FH, to DOE-RL and to the regulatory agencies for review.
  - The GW/VZ Management Plan is undergoing a revision, based on the many comments received from the contractor review (FH and CH2M HILL). Graphics are being developed to emphasize the key messages. It is intended to kick-off the DOE-RL review February 1, 2007.
- **Central Plateau**
  - Completed the Feasibility Study borehole to characterize the 216-A-4 waste site to 296 Ft, several weeks ahead of schedule and under budget.
  - Presented status of the ZP-1/PW-1 Feasibility Study/Risk Assessment to the Hanford Advisory Board. The presentation was well received.

## Notable Accomplishments, continued

### Nuclear Facility D&D, Remainder of Hanford (PBS RL-0040)

#### Reliability Projects:

- Completed L-598, *Near Term Repairs – Repeater Facilities*, near term construction activities on December 31, 2006

#### D&D Remediation Project

##### 200-UW-1 U Plant Zone Waste Site Remediation

- Phase I video of the U-361 tank was completed four months ahead of schedule on December 5, 2006

##### 200 North Sites – Remove, Treat and Dispose (RTD)

- Sampling Remedial Action Work Plan revised with RL's latest comments

#### U Plant

- Draft A, Remedial Design/Remedial Action Work Plan for the 221-U Facility and Systems Engineering Management Plan for the 221-U Facility were transmitted to RL

#### 212-N Facility

- Removed insulation surrounding 15 large crates of plutonium contaminated equipment stored for more than 40 years in the facility
- Resolved issue with "90 day clock" and crate retrieval
- Removed first undamaged crate, number 19
- Completed Documented Safety Analysis (DSA) Implementation
- Selected vendor for shipping container

#### Deactivation and Decommissioning

- Completed demolition preparation activities and began demolition of 10 miscellaneous structures
  - Currently 8 of 10 complete

#### Closure Projects

##### 200-MW-1, Miscellaneous Waste Group

- Submitted the Addendum to the 200-TW-1/2 OU Group RI/FS Plan on December 26, 2006 (TPA Milestone M-013-51)

### Nuclear Facility D&D, FFTF (PBS RL-0042)

#### Disposition Of Residual Sodium

- Preparations are underway to drain the sodium from the Primary Heat Transport System valves.

#### Fuel Offload

- The Plutonium Finishing Plant sodium bonded fuel pin transfer to the FFTF was completed ahead of schedule on December 21, 2006.

## Current Issues

### K Basins Project

#### SNF Stabilization and Disposition (PBS RL-0012)

- **K East Final Pass is trending behind schedule. The baseline approach requires evaluation and revision to improve effectiveness, schedule, and confidence level for completion.**
  - Actions In Progress:
    - o Revising container transfer and final pass vacuuming sequence to mitigate delays in HIH transfers.
    - o Continuing removal of debris and other large items to improve efficiency of final vacuuming progress.
    - o Developing technical justification to reduce the activities required to achieve sludge removal end-point, taking advantage of sampling information/other basin measurements that show a lower residual radiation content.
    - o Planning to eliminate use of cartridge filters and the post-transfer vacuuming effort.
- **HIH Transfer Operations have been slowed by realized risks associated with equipment operations. Activity is behind schedule and impacting K East and K West activities.**
  - Actions In Progress:
    - o Installed in-line strainer and dilution devices minimize line clogging/system pressure differential shut-down; increased control system parameters that allow more reaction time to differential pressure transients prior to system trip.
    - o Made modification to shaft seal mechanism pressurization procedure and planning installation of seal recharge line at pump stations to minimize loss of pressure recovery time/pre-start checks.
    - o Obtained on-site services of Fluor Corporate resource to assist in troubleshooting/repairing cause of vibration in pump station No. 2.
    - o Developed work package to place backup pump in service for booster station No. 2.
    - o Continue on-shift evaluation of system operating parameters and incorporation of procedure adjustments to operating protocol.
    - o Maintaining continuous engineering presence during operations for performance monitoring and immediate response to issues/events.
    - o Extending operations by judicious use of overtime to lengthen transfer times once system is in operation.
    - o Revised working schedule to incorporate transfer duration and coordinate with K East and K West activities.
    - o Maintaining spares inventory to facilitate continued quick repair cycle.
- **Revisions to the K East, K West, and HIH activities in response to emerging risks/mitigation actions will increase the utilization of Project Management Reserve (PMR) and unfavorable cost variance.** (Specific discussion of Sludge Treatment risks/cost increases included later in this section.)
  - Actions In Progress:
    - o Opportunities for cost reductions and efficiencies have been identified to remain within funding.
    - o Decisions due from RL regarding scope deferral or additional funds (several direct discussions/meetings).
    - o Several Baseline Change Requests (BCRs) approved for the use of PMR.

## Current Issues, continued

### K Basins Project (continued)

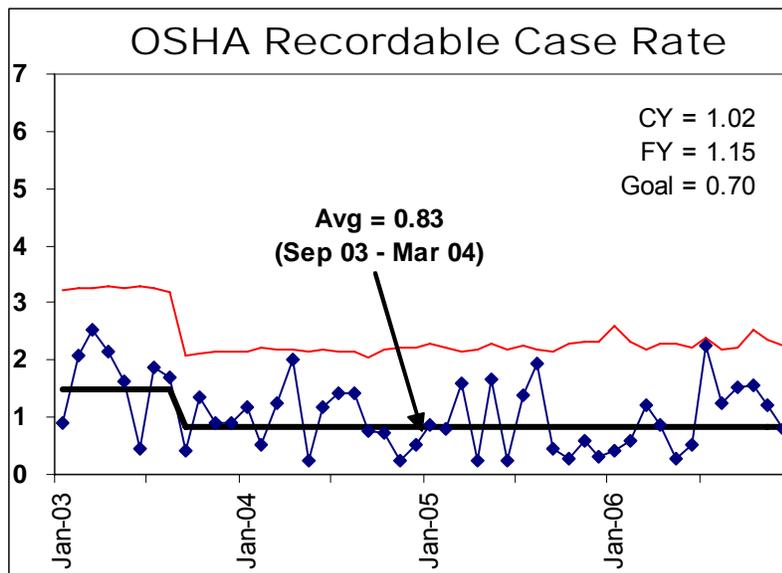
#### Solid Waste Stabilization and Disposition (PBS RL-0013)

- **Negative impact of RL withdrawal of procurement authority**
  - Actions In Progress:
    - o Early award of key component fabrication contracts:
      - o MOSS fabrication ~75 percent complete
      - o Drum Handling Shield Window awarded December 28, 2006 – award of balance of Drum Handling Systems equipment contracts are pending
      - o Evaluation of Assay System and primary transfer pump proposals prior to award
    - o Two-step PDSA
      - o Volume 2 – Corrosion, Assay, and MOSS Systems
      - o Volume 1 – Drum Handling and Retrieval and Transfer (R&T) Systems
- **Delay in Contractor Stabilization and Packaging System (CSAPS) design completion driven by changes in Hazards Analysis/Control Decisions and their impacts on initiation of long lead procurements.**
  - Actions In Progress:
    - o Preparation of BCR documenting delay in completion of CSAPS design and ~\$1.5M FY 2007 cost impact. FY 2008 and beyond cost impact to be determined.
- **Impacts from need to revise BNGA Control System design concept to comply with DOE CRD 420.1A requirements for Safety Class/Safety Significant control systems redundancy, independence, and separation.**
  - Actions In Progress:
    - o BNGA design of hardwired Safety Class/Safety Significant control systems in parallel to Safety Class Programmable Logic Controller. Completion forecast for April 2007.
    - o Revised BNGA fee agreement provides incentive for timely completion
- **Up to one year delay in initiation of sludge treatment (March 2009 to March 2010) as a result of RL withdrawal of \$1.78M in FY 2007 funds from PBS RL-0013; T Plant support of readiness to receive drums.**
  - Actions In Progress:
    - o Impact formally documented to RL on December 5, 2006, met with RL on January 11, 2007 to discuss options
    - o RL committed to authorize FH to expend \$0.25M as stop gap measure until RL ability to fund balance of \$1.2M FY 2007 requirement is resolved

## Safety Overview

The focus of this section is to document trends in occurrences. FH continues to focus on improving safety through the efforts of the PHMC workforce as they implement the Integrated Environmental Safety and Health Management System, work towards achieving Voluntary Protection Program "Star" status, and accomplish work through enhanced work planning. Safety and health statistical data is presented below. The safety charts are reported according to Occupational Safety and Health Administration (OSHA) standards.

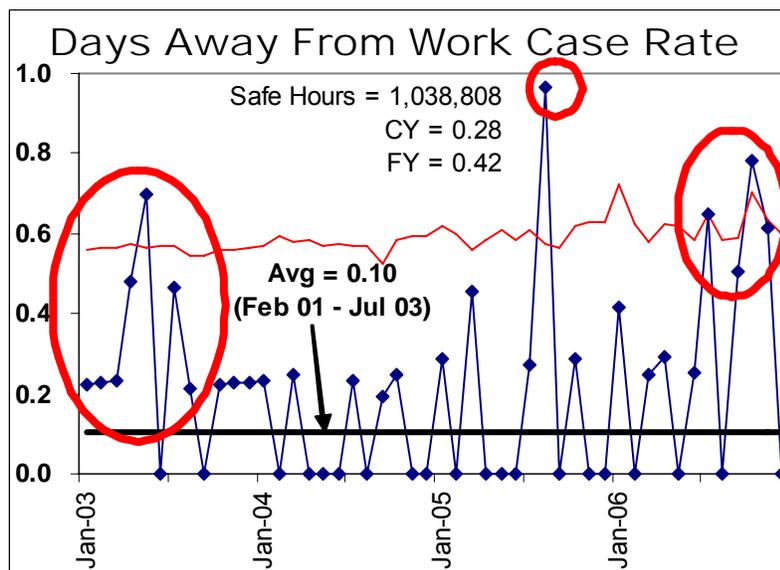
### Total OSHA Recordable Case Rate:



CY 2006 = 1.02  
FY 2007 = 1.15

In December, three reported cases brought the rate in slightly below the baseline (0.80 per 200,000 hours worked).

### OSHA Days Away From Work (DAFW) Case Rate:

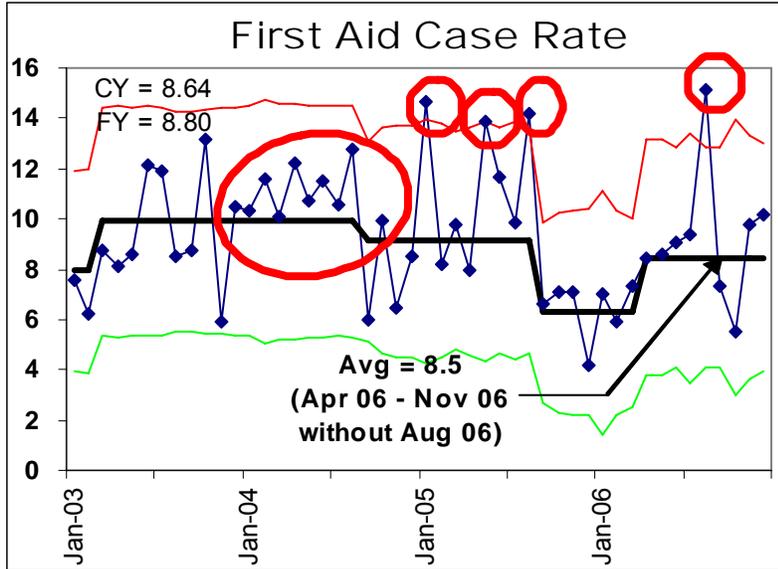


CY 2006 = 0.28  
FY 2007 = 0.42

Zero Days Away from Work (DAFW) injuries were reported in December, however, case reclassifications from July through November have driven those months significantly high.

## Safety Overview, continued

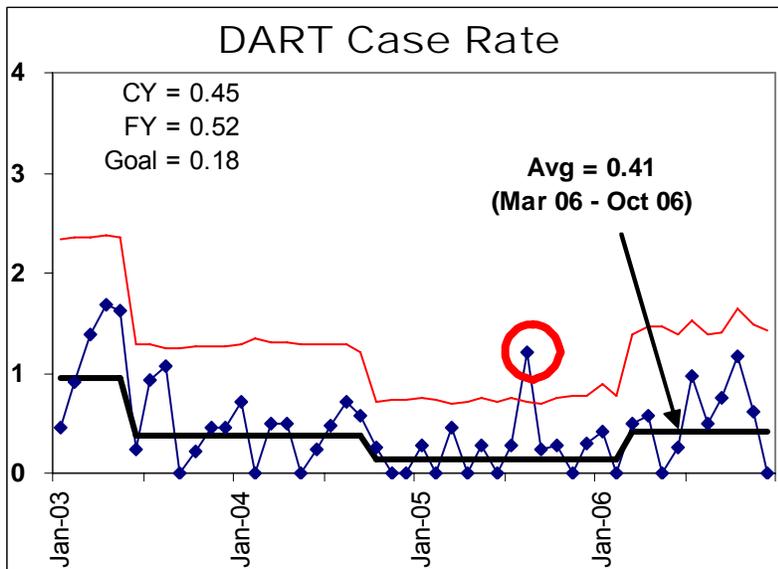
### First Aid Case Rate:



CY 2006 = 8.64  
FY 2007 = 8.80

In December, 38 First Aid cases were reported, up from 32 cases reported in November. Nearly half of these cases were due to slips/trips/falls brought on by icy weather.

### Days Away Restricted/Transferred Case Rate:



CY 2006 = 0.45  
FY 2007 = 0.52

The Fluor DART case rate remains stable at 0.41 per 200,000 hours worked.

## FY 2007 FH Funds vs. Spend Forecast (\$M)

PBS Title	PBS	Projected FY 2007 Funding	December 2007 Fiscal Year Spend Forecast	Variance + Excess (-) Shortfall
SNF Stabilization and Disposition Storage Ops	HQ-0012X	\$0.1	\$0.1	\$0.0
Nuclear Materials Stabilization & Disposition	RL-0011	\$99.7	\$98.2	\$1.5
SNF Stabilization & Disposition	RL-0012	\$82.0	\$81.7	\$0.3
Solid Waste Stabilization & Disposition	RL-0013	\$186.3	\$186.0	\$0.2
Safeguards & Security	RL-0020	\$84.9	\$80.1	\$4.8
Soil & Water Remediation, Groundwater/Vadose Zone	RL-0030	\$79.6	\$79.1	\$0.5
Nuclear Facility D&D, Remainder of Hanford	RL-0040	\$78.1	\$65.8	\$12.2
Nuclear Facility D&D, River Corridor Closure	RL-0041	\$12.9	\$12.3	\$0.5
FFTF Project	RL-0042	\$42.3	\$29.9	\$12.4
HAMMER	RL-0043	\$1.4	\$1.4	\$0.0
Operate Waste Disposal Facility	RL-0080	\$3.6	\$3.3	\$0.2
HAMMER	SR-MS100	\$0.2	\$0.2	\$0.0
TRU Retrieval	RL-0013B	\$38.9	\$38.9	\$0.0
<b>Total FH</b>		<b>\$709.9</b>	<b>\$677.2</b>	<b>\$32.7</b>

NOTE: Numbers rounded to nearest \$0.1M.

## FY 2007 Schedule/Cost Performance (\$M)

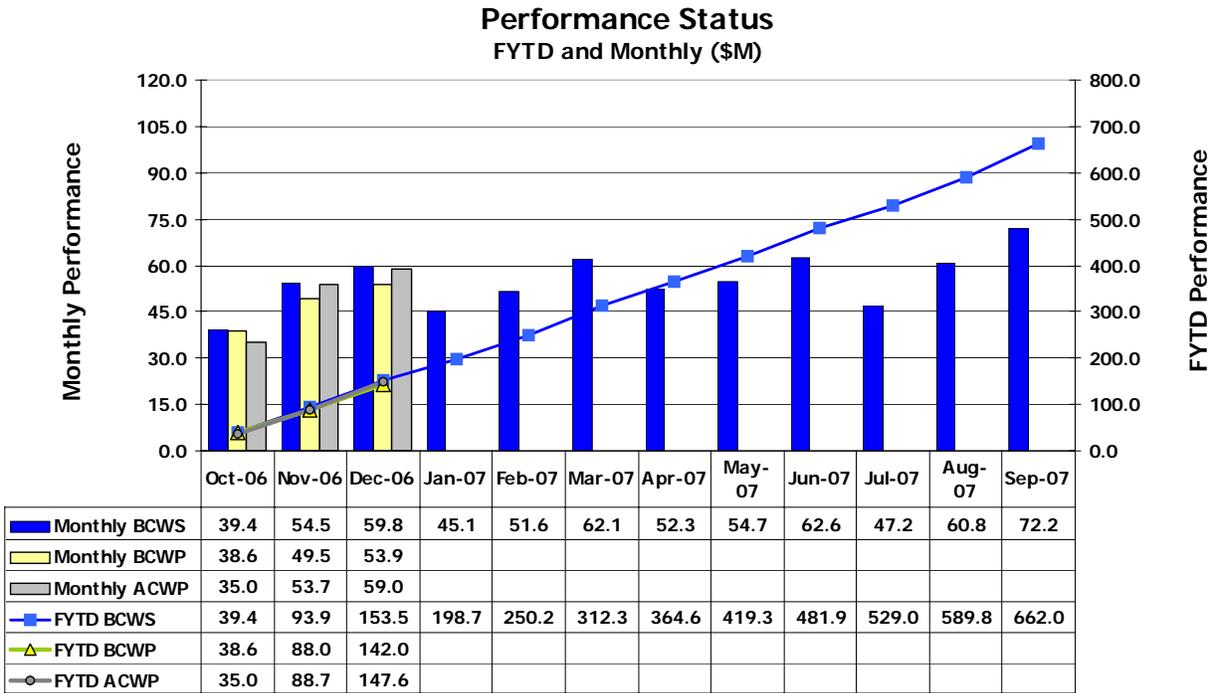
Fiscal Year To Date (\$M)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
HQ-0012X SNF Stabilization and Disposition Storage Ops	\$0.0	\$0.1	\$0.1	\$0.1	0.0%	\$0.0	0.0%	\$0.0
RL-0011 Nuclear Materials Stabilization & Disposition	\$20.7	\$19.6	\$21.6	-\$1.1	-5.4%	-\$2.0	-10.1%	\$85.3
RL-0012 SNF Stabilization & Disposition	\$16.9	\$15.1	\$18.4	-\$1.8	-10.7%	-\$3.2	-21.5%	\$68.1
RL-0013 Solid Waste Stabilization & Disposition	\$38.5	\$38.6	\$37.6	\$0.1	0.3%	\$1.0	2.6%	\$167.2
RL-0020 Safeguards & Security	\$18.9	\$19.0	\$17.8	\$0.1	0.6%	\$1.2	6.1%	\$78.4
RL-0030 Soil & Water Remediation, Groundwater/Vadose Zone	\$16.5	\$14.9	\$13.9	-\$1.6	-9.8%	\$1.0	6.6%	\$68.0
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$12.4	\$10.7	\$10.2	-\$1.7	-13.7%	\$0.5	4.3%	\$66.9
RL-0041 Nuclear Facility D&D, River Corridor Closure	\$2.1	\$1.4	\$0.4	-\$0.7	0.0%	\$0.9	0.0%	\$11.7
RL-0042 FFTF Project	\$6.6	\$7.2	\$7.0	\$0.6	9.7%	\$0.2	3.4%	\$29.8
RL-0043 HAMMER	\$0.0	\$0.2	\$0.3	\$0.2	0.0%	-\$0.1	0.0%	\$0.0
RL-0080 Operate Waste Disposal Facility	\$0.6	\$0.5	\$0.4	\$0.0	-8.6%	\$0.1	15.3%	\$3.1
HQ-MS100 HAMMER	\$0.0	\$0.0	\$0.0	\$0.0	0.0%	\$0.0	0.0%	\$0.0
RL-0013B TRU Retrieval	\$7.7	\$2.6	\$7.6	-\$5.1	-66.0%	-\$5.0	-188.8%	\$36.1
<b>Subtotal Sub-project Work scope</b>	<b>\$140.9</b>	<b>\$129.9</b>	<b>\$135.4</b>	<b>-\$11.0</b>	<b>-7.8%</b>	<b>-\$5.5</b>	<b>-4.3%</b>	<b>\$614.6</b>
4.4.6.1+2 Request for Services & HAMMER RFSs	\$2.4	\$1.6	\$2.7	-\$0.9	-35.6%	-\$1.2	-73.8%	\$8.0
4.4.6.3 Work Orders from PNNL	\$2.1	\$2.2	\$1.7	\$0.1	3.3%	\$0.5	22.1%	\$6.4
4.4.6.6 Work Orders from BNI	\$0.0	\$0.0	\$0.0	\$0.0	2.3%	\$0.0	63.4%	\$0.1
4.4.6.7 Work Orders from CH2M HILL	\$6.9	\$7.1	\$6.6	\$0.2	2.7%	\$0.5	7.1%	\$28.8
4.4.6.9 Work Orders from AMH	\$0.1	\$0.1	\$0.1	\$0.0	0.0%	\$0.0	23.2%	\$0.3
4.4.6.10 Work Orders from ATL	\$0.0	\$0.0	\$0.0	\$0.0	0.0%	\$0.0	-31.6%	\$0.0
4.4.6.11 Work Orders from WCH	\$1.1	\$1.1	\$1.1	\$0.0	0.0%	\$0.0	2.9%	\$3.9
<b>Total Work For Others</b>	<b>\$12.7</b>	<b>\$12.1</b>	<b>\$12.2</b>	<b>-\$0.6</b>	<b>-4.9%</b>	<b>-\$0.1</b>	<b>-0.9%</b>	<b>\$47.4</b>
<b>Total FH Contract Work scope</b>	<b>\$153.6</b>	<b>\$142.0</b>	<b>\$147.6</b>	<b>-\$11.6</b>	<b>-7.6%</b>	<b>-\$5.6</b>	<b>-4.0%</b>	<b>\$662.0</b>

NOTE: Numbers rounded to nearest \$0.1M.

**Schedule Performance:** Fiscal year 2007 to-date schedule performance reflected a -\$11.6M/-7.6 percent unfavorable variance. The most significant schedule variances are discussed in Section C, *SNF Stabilization and Disposition*, Section D, *Nuclear Facility D&D, Remainder of Hanford*, Section F, *Solid Waste Stabilization and Disposition*, and Section G, *Soil and Water Remediation, Groundwater/Vadose Zone*.

**Cost Performance:** Fiscal year 2007 to-date cost performance reflected a -\$5.6M/-4.0 percent unfavorable variance. The most significant cost variances are discussed in Section B, *Nuclear Materials Stabilization & Disposition*, Section C, *SNF Stabilization and Disposition*, and Section F, *Solid Waste Stabilization and Disposition*.

## FY 2007 Schedule/Cost Performance, continued



## Milestone Performance

Milestones represent significant events in project execution. Milestones are established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC. FY 2007 milestone information is based upon the current baseline including RL-approved changes. Changes in both the number and type of milestones from month-to-month are the result of Baseline Change Requests (BCRs) approved during the year.

One Enforceable Agreement milestone, M-91-42I, "Treat 3,000 Cubic Meters Contact-Handled Transuranic Mixed Waste (CH-TRUM) by December 31, 2006," was not completed. Not included within the Fluor Hanford (FH) contract, the milestone's completion is projected outside of the FH contract term. The issues are currently being addressed through the TPA dispute resolution process.

NOTE: Because it is not a part of the FH contract, the milestone is not included in the table below.

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	Total FY 2007
Enforceable Agreement	2	0	0	0	1	10	0	13
DOE-HQ	1	0	1	0	0	2	0	4
RL	0	0	1	0	1	3	0	5
Total FH	3	0	2	0	2	15	0	22

## Gold Metrics

Measure/Units		Oct 2007	Nov 2007	Dec 2007	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	FY 2007 To Date	FY 2007 Total
Nuclear Facility Completions * (# of facilities)	RL Planned	-	-	-	-	-	-	3		3
	Actual	-	-	-	-	-	-			-
Radioactive Facility Completions (# of facilities)	RL Planned	-	-	-	-	-	-			
	Actual	-	-	-	-	-	-			-
Industrial Facility Completions (# of facilities)	RL Planned	-	-	-	-	-	1	3		4
	Actual	-	-	-	-	-				-
Remediation Complete (# of release sites)	RL Planned	-	-	-	-	-	-			
	Actual	-	-	-	-	-	-			-
Spent Nuclear Fuel packaged for final disposition (MTHM)	RL Planned	-	-	-	-	-	-			
	Actual	-	-	-	-	-	-			-
Transuranic Waste shipped for disposal at WIPP (cubic meters)	RL Planned	37	37	38	112	112	112	112	112	448
	Actual	45	31	43	119				119	
Low-Level and Mixed Low-Level Waste disposed (cubic meters)	RL Planned	273	274	275	822	822	847	863	822	3,354
	Actual	101	48	48	197				197	

No facilities or waste sites were completed December 2006.

## Government Furnished Services/Items

Listed below are the near-term RL action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open GFS/I from prior periods) are shown. Items highlighted in "gold" reflect the affected Performance Incentive. Items in "pink" reflect an overdue status.

NOTE: GFS/I data is through January 23, 2007.

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed
GF0126	<a href="#">C.2.1.1.1.8.d</a> <a href="#">GFS/I</a>	<a href="#">WBS 4.1.1.8</a> <a href="#">Sludge Treatment Immobilize and Package KE/KW Basins Sludge</a>	• K Basins Closure	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.2.1.1.1.8</a> , <a href="#">GFS/GFI</a>	Compliance funding commitment from DOE for FY 2008 for sludge treatment by February 28, 2007, or direction from DOE to replan sludge treatment work scope, including FY 2007 by December 31, 2006. <b>Commitment: 31 December 2006</b>			
GF0141	<a href="#">C.2.6.1.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.1.2.8.1</a> <a href="#">Central Plateau Integration and Planning Develop Waste Site Remediation Optimization</a>	• Central Plateau D&D and River Corridor Closure	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.2.6.1</a> , <a href="#">DELIVERABLES</a>  <a href="#">DE-AC06-96RL13200</a> , <a href="#">RL-040</a> , <a href="#">3a</a>	DOE will provide written guidance on implementation of DOE response to recommendations in Conference Report 109-275 <b>Commitment: 31 October 2006</b>			
GF0117	<a href="#">C.5.1.3.d</a> <a href="#">GFS/I</a>	<a href="#">WBS 4.4.3.7</a> <a href="#">Nuclear Safety Nuclear Safety</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.1.3</a> , <a href="#">GFS/GFI</a>	<b>Approve quarterly updates of the Startup Notification Report within 30 days of submittal</b>			
					Approve quarterly updates of the Startup Notification Report within 30 days of submittal (1st Qtr 2007) <b>Commitment: 21 January 2007</b>		Quarterly Update of the Startup Notification Report for Fluor Hanford Managed Facilities (1st Qtr 2007) <b>Planned: 28 December 2006</b>	<a href="#">FH-0603224</a> <b>Completed: 21 December 2006</b>

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## Government Furnished Services/Items, continued

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed
GF0147	<a href="#">C.5.1.3.d</a> <a href="#">GFS/I</a>	<a href="#">WBS 4.4.3.7</a> Nuclear Safety Nuclear Safety	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.1.3, GFS/GFI</a>	<b>See Section C.1.6 for approval process for Safety Basis Documents for category 1, 2, and 3 nuclear facilities</b>			
					Approval of Updated Documented Safety Analysis for CVD (2006) <b>Commitment: 16 February 2007</b>		Cold Vacuum Drying Facility Final Safety Analysis Report (2006) <b>Planned: 9 January 2007</b>	<a href="#">FH-0603217</a> <b>Completed: 22 December 2006</b>
					Approval of Updated Documented Safety Analysis for K Basins Closure Project (2006) <b>Commitment: 16 February 2007</b>		K Basins Closure Project Final Safety Analysis Report (2006) <b>Planned: 9 January 2007</b>	<a href="#">FH-0603217</a> <b>Completed: 22 December 2006</b>
					Approval of Updated Documented Safety Analysis for K Basins Deactivation (2006) <b>Commitment: 16 February 2007</b>		K Basins Final Safety Analysis Report (2006) <b>Planned: 31 December 2006</b>	<a href="#">FH-0603217</a> <b>Completed: 22 December 2006</b>

## Contract Deliverables

Listed below are the near-term FH action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open Contract Deliverables from prior periods) are shown. Items highlighted in "gold" reflect the affected PI. Items in "pink" reflect an overdue status. NOTE: All contract deliverable data is through January 23, 2007.

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0560	<a href="#">C.3.6.1.c</a> DELIVERABLES/COMPLETION S	<a href="#">WBS 4.2.6 200</a> <a href="#">Area Liquid Effluent Facilities</a> Dispose of Liquid Effluents Treated by the ETF	• Solid Waste Stabilization and Disposition	<a href="#">DE-AC06-96RL13200, C.3.6.1, DELIVERABLES</a>	<b>ST 4500 Discharge Monitoring Reports for the 200 Area Effluent Treatment Facilities. Due: Quarterly</b>			
					ST 4500 Discharge Monitoring Reports for the 200 Area Effluent Treatment Facilities (1st Qtr 2007) <b>Planned: 15 February 2007</b>			
CD0562	<a href="#">C.3.7.1.c</a> DELIVERABLES/COMPLETION S	<a href="#">WBS 4.2.6 200</a> <a href="#">Area Liquid Effluent Facilities</a> Maintain Safe & Compliant 200 Area Effluent Treatment Facility Operations	• Solid Waste Stabilization and Disposition	<a href="#">DE-AC06-96RL13200, C.3.7.1, DELIVERABLES</a>	<b>ST 4502 Discharge Monitoring Reports for the 200 Area Effluent Treatment Disposal Facilities Due: Quarterly</b>			
					ST 4502 Discharge Monitoring Reports for the 200 Area Effluent Treatment Disposal Facilities (1st Qtr 2007) <b>Planned: 15 February 2007</b>			
CD0401	<a href="#">C.4.2.11.c</a> DELIVERABLES/COMPLETION S		• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.4.2.11, DELIVERABLES</a>	<b>Performance Analyses and Identification of Recurring Occurrences (Quarterly)</b>			
					Performance Analyses and Identification of Recurring Occurrence (1st Qtr 2007) <b>Planned: 22 January 2007</b>			
CD0114	<a href="#">C.4.2.41.c</a> DELIVERABLES/COMPLETION S	<a href="#">WBS 4.3.5.6</a> <a href="#">Material Control and Accountability</a> Material Control and Accountability	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2.41, DELIVERABLES</a>	<b>Nuclear Material Accountability Transaction Data Report Due: Monthly</b>			
					Nuclear Material Accountability Transaction Data Report (Jan 2007) <b>Planned: 13 February 2007</b>			
CD0115	<a href="#">C.4.2.41.c</a> DELIVERABLES/COMPLETION S	<a href="#">WBS 4.3.5.7</a> <a href="#">Safeguards &amp; Security Program</a> Safeguards & Security	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2.41, DELIVERABLES</a>	<b>Nuclear Material Balance Report Due: Monthly</b>			
					Nuclear Material Balance Report (Jan 2007) <b>Planned: 15 February 2007</b>			

Continued on next page

## Contract Deliverables, continued

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0300	<a href="#">C.4.2.52.c</a> <a href="#">DELIVERABLES/COMPLETION</a> <a href="#">S</a>	<a href="#">WBS 4.3.1.1.3</a> <a href="#">Water Compliance and Sampling</a> <a href="#">Utilities Operations and Maintenance--Water Compliance and Sampling</a>	• Closure Services and Infrastructure	<a href="#">DE-AC06-96RL13200, C.4.2.52, DELIVERABLES</a>	<b>200E, 200W, 400 Area Drinking Water Report Due: Monthly</b>			
					200E, 200W, 400 Area Drinking Water Report (Jan 2007) <b>Planned: 10 February 2007</b>			
CD0160	<a href="#">C.5.1.1.c</a> <a href="#">DELIVERABLES/COMPLETION</a> <a href="#">S</a>	<a href="#">WBS 4.4.3.3</a> <a href="#">Environmental Protection</a> <a href="#">Environmental Protection</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.1, DELIVERABLES</a>	<b>Environmental Monitoring Plan (EMP) to PNNL Due: Every Three Years</b>			
					Environmental Monitoring Plan (EMP) to PNNL (2006) <b>Commitment: 7 November 2006</b> <b>Planned: 7 November 2006</b>			
CD0151	<a href="#">C.5.1.1.c</a> <a href="#">DELIVERABLES/COMPLETION</a> <a href="#">S</a>	<a href="#">WBS 4.4.3.3</a> <a href="#">Environmental Protection</a> <a href="#">Environmental Protection</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.1, DELIVERABLES</a>	<b>Hanford AOP Semi-Annual Report Due: Semi-Annually</b>			
					Hanford AOP Semi-Annual Report (2007 1st Half) <b>Planned: 12 February 2007</b>			
CD0157	<a href="#">C.5.1.1.c</a> <a href="#">DELIVERABLES/COMPLETION</a> <a href="#">S</a>	<a href="#">WBS 4.4.3.3</a> <a href="#">Environmental Protection</a> <a href="#">Environmental Protection</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.1, DELIVERABLES</a>	<b>Hanford Site Annual Dangerous Waste Reports Due: Annually</b>			
					Hanford Site Annual Dangerous Waste Reports (2006) <b>Planned: 19 February 2007</b>			
CD0595	<a href="#">C.5.1.1.c</a> <a href="#">DELIVERABLES/COMPLETION</a> <a href="#">S</a>	<a href="#">WBS 4.4.3.3</a> <a href="#">Environmental Protection</a> <a href="#">Environmental Protection</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.1, DELIVERABLES</a>	<b>Class V Underground Injection Control Wells Updates to Ecology Due: Annually</b>			
					Class V Underground Injection Control Wells Updates to Ecology (2007) <b>Planned: 14 February 2007</b>			

Continued on next page

## Contract Deliverables, continued

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0182	<a href="#">C.5.1.3.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.7</a> Nuclear Safety Nuclear Safety	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.1.3</a> , <a href="#">DELIVERABLES</a>	<b>Unreviewed Safety Question Summary Report for each FH managed category 1,2, and 3 nuclear facilities Due: Annually</b>			
					Unreviewed Safety Question Summary Report for the 212 North Building (2006) Planned: 30 October 2006			
CD0179	<a href="#">C.5.3.1.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2</a> Financial Systems Accounting System	• Business Services	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.1</a> , <a href="#">DELIVERABLES</a>	<b>Contract Funds Status Report Due: Monthly</b>			
					Contract Funds Status Report (Dec 2006) Planned: 30 January 2007			
CD0271	<a href="#">C.5.3.1.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2</a> Financial Systems Accounting System	• Business Services	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.1</a> , <a href="#">DELIVERABLES</a>	<b>Depreciation Charges Due: Monthly</b>			
					Depreciation Charges (Jan 2007) Planned: 10 February 2007			
CD0173	<a href="#">C.5.3.1.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2</a> Financial Systems Accounting System	• Business Services	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.1</a> , <a href="#">DELIVERABLES</a>	<b>Financial Information System (FIS) Management &amp; Reporting System (MARS) Due: Month-End Deadlines</b>			
					Financial Information System (FIS) Management & Reporting System (MARS) (Jan 2007) Planned: 10 February 2007			
CD0281	<a href="#">C.5.3.1.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2</a> Financial Systems Accounting System	• Business Services	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.1</a> , <a href="#">DELIVERABLES</a>	<b>Fluor Hanford, Inc., Cost Submittal FHXXXX Due: Monthly</b>			
					Fluor Hanford, Inc., Cost Submittal FHXXXX (Jan 2007) Planned: 10 February 2007			
CD0183	<a href="#">C.5.3.4.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.14</a> Work Force Services Contract Reporting (Human Resources)	• Workforce Services	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.4</a> , <a href="#">DELIVERABLES</a>	<b>Diversity Plan Update Due: Annually</b>			
					Diversity Plan Update (2007) Planned: 15 February 2007			
CD0283	<a href="#">C.5.3.4.c</a> <a href="#">DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.5</a> Internal Audit Contract Reporting (Internal Audit)	• Internal Audit	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.5.3.4</a> , <a href="#">DELIVERABLES</a>	<b>FY200X Annual Audit Activities Report Due: Every January</b>			
					FY200X Annual Audit Activities Report (2007) Commitment: 31 January 2007 Planned: 31 January 2007			

Continued on next page

## Contract Deliverables, continued

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0184	<a href="#">C.5.3.4.c</a> DELIVERABLES/COMPLETIONS	WBS 4.4.3.14 <a href="#">Work Force Services</a> Contract Reporting (Human Resources)	• Workforce Services	<a href="#">DE-AC06-96RL13200.C.5.3.4.</a> DELIVERABLES	<b>Minority and Female Personnel Inventory and Evaluation for Promotional Opportunities Report Due: Annually</b>			
					Minority and Female Personnel Inventory and Evaluation for Promotional Opportunities Report (2007) Planned: 15 February 2007			
CD0169	<a href="#">C.5.3.4.c</a> DELIVERABLES/COMPLETIONS	WBS 4.4.4 PHMC <a href="#">Planning and Integration</a> Contract Reporting (Baseline)	• Project Systems & Support	<a href="#">DE-AC06-96RL13200.C.5.3.4.</a> DELIVERABLES	<b>Project Hanford Management Contract Performance Report Due: Monthly</b>			
					Project Hanford Management Contract Performance Report (Dec 2006) Planned: 31 January 2007			