

PHMC Contract Overview

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The 100th shipment (3,000th drum) to the Waste Isolation Pilot Plant was completed on June 16, 2004.



Preparing the Containment Tent over the 241-Z D-4 Vault to Support the Vault Decontamination and Characterization Work

April 30, 2004, 233-S Demolition complete



October 2003



June 2004 "footprint"

Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of June 20, 2004. DOE-HQ did a mock-year-end closing June 30, 2004, which is not reflected in this report.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective clean up; 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.

Performance reporting has been skewed by delayed fiscal year budget guidance and finalization. Performance reporting has been against outdated baseline data which includes scope deferred or altered to accommodate funding shortfalls. Contract changes to adjust the scope to available funding are in process. Baseline updates are required to ensure stability, continuity, effective use of resources, and accurate performance analysis. The baseline adjustment is currently anticipated to occur in July 2004.

Notable Accomplishments

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

Mobile offices 834 and 839, 234-ZC and 234-ZB have been demolished, and Mobile Office 264 has been removed from the Protected Area. Punch lists remain to be completed on three of these facilities. Ultimately, a total of ten Plutonium Finishing Plant (PFP) facilities will be demolished to slab-on-grade or excised by September 2005.

The first of three increments of the Performance Incentive to disposition miscellaneous nuclear materials stored at PFP was completed with the shipment of seven standards to the Idaho National Engineering and Environmental Laboratory.

The third increment of ten for the Legacy Plutonium Holdup Material Removal was completed on June 11, 2004, two-and-one half weeks ahead of schedule. The overall project is now over 30 percent complete.

Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012)

Fuel Transfer System (FTS): Spent Nuclear Fuel completed 37 FTS shipments (366 canisters) during the month of June. As of July 19, 2004, a cumulative total of 370 FTS shipments (3,686 canisters) have been completed. FTS is now 100 percent complete.

Sludge Disposition Alternatives: A review of progress and path forward was conducted with the Defense Board in June. Review of the T-Plant option for interim storage of the North Load Out Pit (NLOP) sludge has been completed. The first two containers for sludge isolation have been received. Pumping sludge into the first Large Diameter Container has commenced.

Notable Accomplishments, continued

Tri-Party Agreement (TPA) Milestones: RL and Fluor Hanford (FH) have successfully negotiated changes for the TPA milestones associated with sludge retrieval and basin disposition. The negotiated milestones reflect contract changes associated with the accelerated sludge disposition approach and the basins grout and remove approach. The milestone change packages have been issued for public review and comment prior to final approval by the three parties (the United States Environmental Protection Agency [EPA], the State of Washington Department of Ecology, and RL).

Fuel Movement Activities: SNF completed 14 multi-canister overpack (MCO) shipments containing 74 metric tons of heavy metal (MTHM) from the K West Basin to the Cold Vacuum Drying Facility during June. As of July 19, 2004, a cumulative total of 365 MCOs containing an estimated 1,986 MTHM have been shipped.

MCO Welding at the Canister Storage Building (CSB): SNF welded and "N" stamped 13 MCOs during June. As of July 19, 2004, a cumulative total of 215 MCOs were welded and "N" stamped, which is 19 MCOs ahead of the baseline schedule.

Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford (PBS RL-0040) and Nuclear Facility D&D, River Corridor Contract Project (PBS RL-0041)

Deactivation and Decommissioning

233-S Demolition: Placement of the concrete cap/gravel cover was completed in June along with decontamination and release of all major equipment. Transfer of personnel to other D&D sub-projects is ahead of plan.

B Plant: Demolition commenced on July 6, 2004, for 22 structures. This activity follows approval of the Action Memorandum and associated work plans by the DOE/EPA.

U Plant: The U Ancillary Engineering Evaluation/Cost Analysis (EE/CA) was submitted to DOE on June 22, 2004. RL will transmit the EE/CA to the regulators for review prior to the public comment period.

Waste Site Remediation

BC Cribs & Trenches: Planning was initiated for the plume delineation geophysical work for the BC Cribs and Trenches on June 18, 2004.

200 Area Remedial Investigation/Feasibility Study (RI/FS) Work: The remedial investigation report for the Uranium-Rich and General Process Waste Group (200-PW-2 and 200-PW-4 operable units) was submitted to RL on June 17, 2004, and subsequently transmitted to the regulators on June 24, 2004, completing TPA Milestone M-015-43B six days ahead of schedule. The Work Plan for the Unplanned Release Waste Group (operable unit 200-UR-1) was submitted to RL on June 7, 2004, and subsequently transmitted to the regulators on June 30, 2004, completing TPA Milestone M-013-00N on schedule.

Notable Accomplishments, continued

U Plant Regional Closure: Preliminary design of surface barriers continues. Final comments from the Washington State Department of Ecology were incorporated into Revision 0 of the U Plant Sample Analysis Plan during the month of June. The plan is expected to be issued on July 30, 2004.

Nuclear Facility D&D, Fast Flux Test Facility (PBS RL-0042)

Fuel Offload: The trans-load of five Core Component Containers from Interim Storage Casks (ISCs) to Interim Storage Vaults at the Plutonium Finishing Plant was completed in June. The return shipment of five empty ISCs to FFTF will begin in July.

Interim Storage: Transfer of two additional loaded ISCs from the 400-Area Interim Storage Area (ISA) to the 200-Area ISA at the Canister Storage Building has been completed. To date 7 of 22 ISCs have been moved to the 200-Area ISA.

Fuel Storage Facility (FSF) Sodium-Potassium (NaK) Drain: Drain and transfer of the FSF NaK into the storage vessel sodium was successfully completed. Approximately 60 gallons of NaK were removed from the loop low point (in-vessel cooler) via insertion of a flexible hose. Approximately 360 gallons of NaK were transferred from the NaK storage tank into the FSF sodium.

Primary Sodium Drain: Preparations are complete for draining the primary Heat Transport System sodium loops and lowering the reactor vessel sodium level (Phase 1 of primary sodium drain).

Interim Examination and Maintenance (IEM) Cell: All preparatory work was accomplished and the Readiness Checklist completed to begin processing fuel assembly MFF-1. The duct was cut and removed from the assembly, and pin consolidation activities have been completed. Pin processing is scheduled to begin in July.

Sodium Flush of In-Containment NaK Loops: Preparations for sodium flush of the two in-containment NaK loops are nearing completion. Mechanical installation of the primary cold trap and Interim Decay Storage NaK loop cross-connects is complete, the loops have been refilled, and the electro-magnetic pumps returned to operation.

Solid Waste Stabilization and Disposition (PBS RL-0013), Soil and Water Remediation Groundwater/Vadose Zone (PBS RL-0030), and Operate Waste Disposal Facility (PBS RL-0080)

Transuranic (TRU) Waste Program: Two shipments to the Waste Isolation Pilot Plant (WIPP) totaling 34 cubic meters (m³) were completed in June. A total of 521 m³ have been shipped this fiscal year versus 432 m³ planned. The Hanford TRU Program successfully completed the WIPP Recertification Audit. Approval was received from the EPA, the Carlsbad Field Office (CBFO) and the New Mexico Environment Department (NMED) for Pipe Over-pack Container (POC) waste shipments to WIPP.

Notable Accomplishments, continued

TRU Waste Retrieval: A total of 159 m³ of suspect TRU waste was retrieved in June versus 135 m³ planned. Through June 30, 2004, a total of 650 m³ (3,252 drums) were retrieved, versus 535 m³ (2,676 drums) planned. The first retrieved drum was processed through Nondestructive Examination (NDE) at the Waste Retrieval and Processing (WRAP) facility.

Mixed Low Level Waste (MLLW) Treatment: FH dispositioned 149 m³ of MLLW in June. This fiscal year, a total of 2,713 m³ has been dispositioned versus 2,550 m³ planned.

Waste Disposal Operations: Unlined trench waste disposal at Hanford was terminated in response to the approval of the Waste Management Environmental Impact Statement Record of Decision (WM EIS ROD).

Liquid Waste Processing: The 200 Area Effluent Treatment Facility processed and disposed of 1.9 million gallons of waste water in June. The 300 Area Treated Effluent Disposal Facility processed and disposed of 2.6 million gallons of industrial waste water.

Issues

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

Special Nuclear Materials (SNM) De-inventory Delay:

RL's direction to delay the PFP SNM de-inventory is requiring a major revision of the PFP Closure Project baseline, including Performance Incentive objectives. Completion of the baseline adjustment is planned for submittal to RL in July 2004.

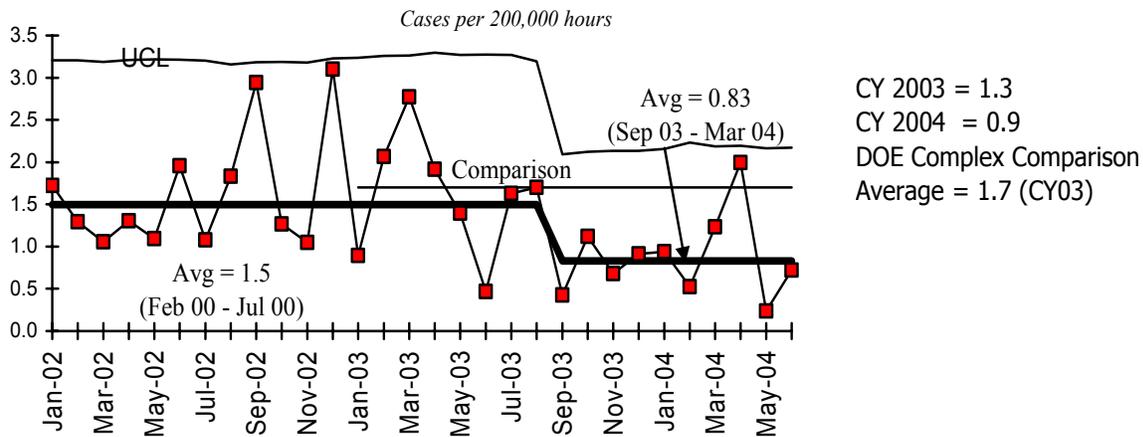
SNF Stabilization and Disposition (PBS RL-012)

Fuel Production: As of July 19, 2004, SNF is approximately one week behind the revised MCO production schedule. FH has obtained approval to revise its airborne radiological control limits to be 30 percent of the DOE limit. This will enable most remaining underwater work in the basins to be performed without respiratory protection, thus improving the current FTS production rates. Additionally, FH revised the shift schedule for MCO workers which should result in improved MCO production rates.

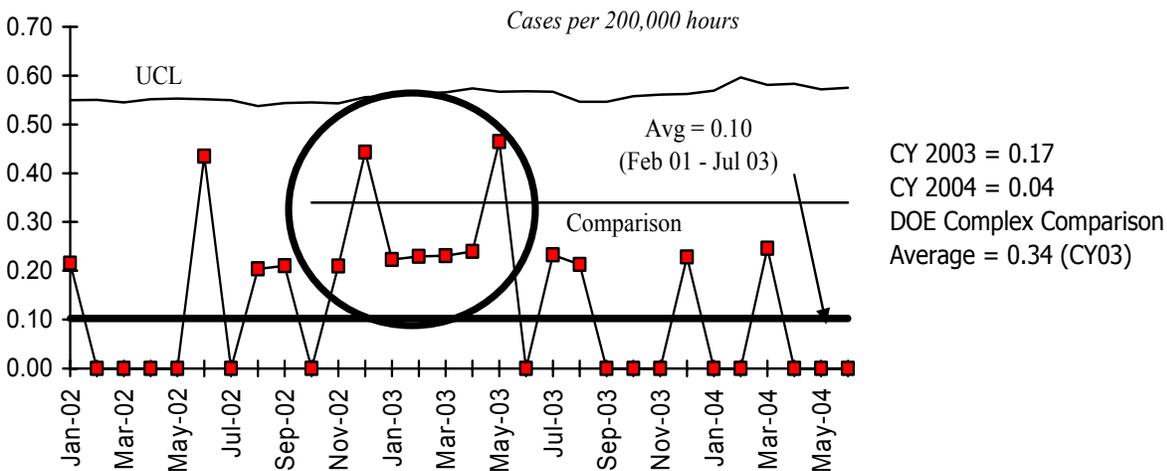
Safety Overview

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.

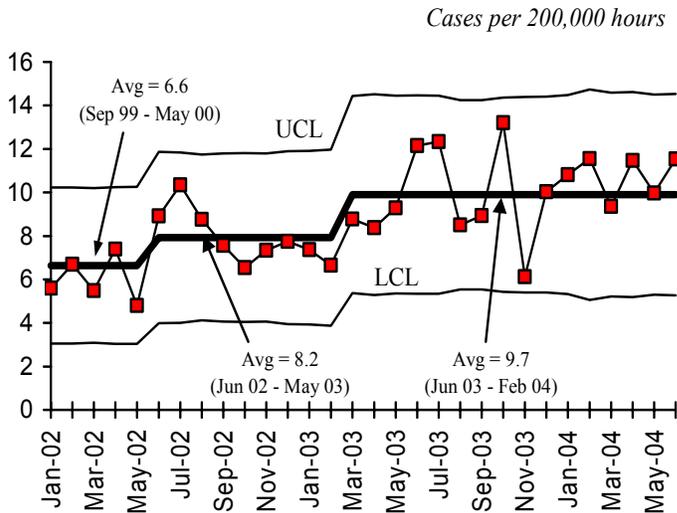
Total OSHA Recordable Case Rate: The OSHA Recordable Case Rate is stable at the 0.83 baseline average. The calendar-year-to-date rate was 0.94 as of June 30, 2004. Some work is still needed to achieve 0.80, but this is a significant improvement over the last year.



OSHA Days Away From Work (DAFW) Case Rate: The Safe Hours total is currently 3,209,044 hours. The last new DAFW case was in March 2004.

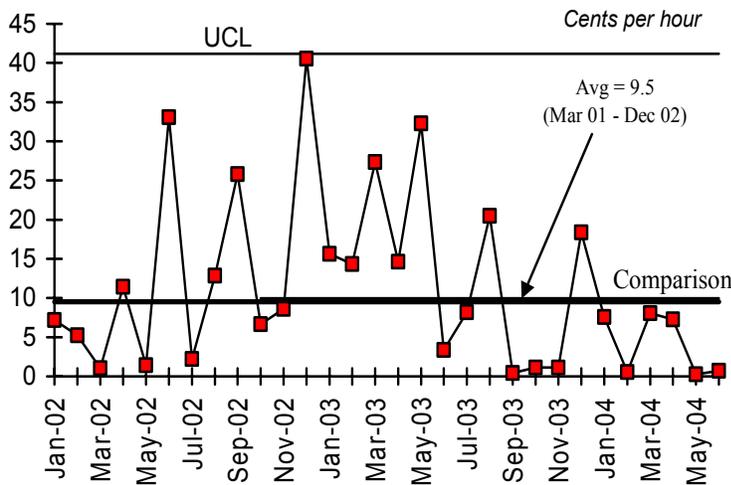


First Aid Case Rate: The increasing First Aid Case Rate trend is consistent with summer cycles due to insect and wind-related cases in the summer season.



Fiscal year calculations are not included as DOE does not publish a comparison rate, and comparisons of partial fiscal year data to prior years would not be appropriate due to the routine cyclical trends in the data.

Safety Cost Index: Additional days continue to be gained on past cases, modifying past data values. Nine of the past ten months have been below average, which may be indicative of a coming improving trend.



CY 2003 = 13.0
 CY 2004 = 4.1
 DOE Complex Comparison = 9.96

FY 2004 FH Funds vs. Spend Forecast (\$000)

PBS Title	PBS	FY 2004 Anticipated Funding with carryover	FY 2004 Fiscal Year Spend Forecast	Control Point		
				2012 Accelerated Completion	2035 Accelerated Completion	Other
Nuclear Materials Stabilization & Disposition	RL-0011	164,714	152,194	12,520		
SNF Stabilization & Disposition	RL-0012	180,531	192,686	-12,155		
Solid Waste Stabilization & Disposition	RL-0013	136,564	141,831		-5,267	
Safeguards & Security	RL-0020	57,105	54,880			2,225
Soil & Water Remediation, Groundwater/Vadose Zone	RL-0030	36,395	36,281		114	
Nuclear Facility D&D, Remainder of Hanford	RL-0040	73,119	65,737		7,382	
Nuclear Facility D&D, River Corridor Closure	RL-0041	13,205	12,225	980		
Nuclear Facility D&D, FFFP Project	RL-0042	42,213	41,795			418
Operate Waste Disposal Facility	RL-0080	3,920	2,874		1,046	
Total FH		\$707,766	\$700,503	\$1,345	\$3,275	\$2,643

NOTE: Numbers are rounded to the nearest \$K. FH is taking numerous proactive actions to overcome projected PBS-specific FY 2004 funding challenges.

FY 2004 Schedule/Cost Performance (\$000)

The following provides a brief synopsis of overall PHMC contract cost/schedule performance.

Fiscal Year To Date (\$K)	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
RL-0011 Nuclear Materials Stabilization & Disposition	122,319	95,319	98,800	-26,999	-22%	-3,481	-4%	172,859
RL-0012 SNF Stabilization & Disposition	118,966	92,448	143,586	-26,518	-22%	-51,138	-55%	161,739
RL-0013 Solid Waste Stabilization & Disposition	100,469	94,051	100,660	-6,418	-6%	-6,608	-7%	145,862
RL-0020 Safeguards & Security	36,360	36,360	38,827	0	0%	-2,467	-7%	50,000
RL-0030 Soil & Water Remediation, Groundwater/Vadose Zone	25,476	23,589	24,699	-1,887	-7%	-1,110	-5%	36,142
RL-0040 Nuclear Facility D&D, Remainder of Hanford	57,459	41,193	47,808	-16,266	-28%	-6,615	-16%	85,521
RL-0041 Nuclear Facility D&D, River Corridor Closure	7,969	8,115	8,013	146	2%	102	1%	11,370
RL-0042 Nuclear Facility D&D, FFFP Project	31,520	28,607	28,512	-2,914	-9%	95	0%	43,842
RL-0080 Operate Waste Disposal Facility	2,417	2,065	1,974	-352	-15%	92	4%	3,257
Subtotal Sub-project Work scope	502,955	421,748	492,878	-81,207	-16%	-71,131	-17%	710,591
4.4.6.1+.2 Request for Services & National Programs	10,500	10,469	10,819	-31	0%	-350	-3%	16,082
4.4.6.3 Work Orders from PNNL	5,117	5,116	4,795	0	0%	321	6%	6,969
4.4.6.4 Work Orders from BHI	1,605	1,612	1,404	7	0%	208	13%	2,154
4.4.6.5 & .6 Work Orders from BNI/HEHF	475	475	459	0	0%	16	3%	622
4.4.6.7 & .8 Work Orders from CH2M HILL	30,758	30,324	26,965	-434	-1%	3,359	11%	41,838
Total Work For Others	48,455	47,997	44,442	-458	-1%	3,555	7%	67,665
Total FH Contract Work scope	551,410	469,744	537,320	-81,666	-15%	-67,576	-14%	778,256

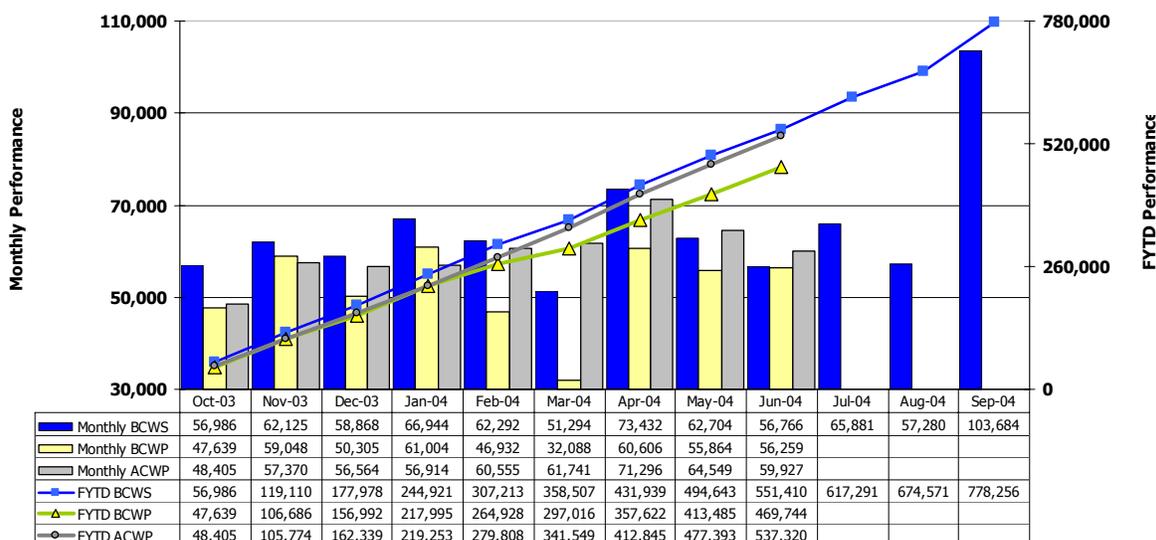
NOTE: Much of the unfavorable schedule and cost variance is associated with work in the baseline which will be deferred/deleted and/or added as part of the baseline adjustment planned for implementation in July reporting.

Schedule Performance: Fiscal year to date (FYTD) schedule performance reflects a -\$81,666K/-15% unfavorable schedule variance. The established threshold is +/-10% or \$1M. The significant schedule variances are discussed in the following sections: Nuclear Materials Stabilization and Disposition (Section B); Spent Nuclear Fuel Stabilization and Disposition (Section C); Solid Waste Stabilization and Disposition (Section F); Soil and Water Remediation, Groundwater/Vadose Zone (Section F); Nuclear Facility D&D, Remainder of Hanford (Section D) and Nuclear Facility D&D, FFFP (Section E).

Cost Performance: FYTD cost performance reflects a -\$67,576K/-14% unfavorable cost variance. The established threshold is +/-10% or \$1M. The significant cost variances are discussed in the following sections: Nuclear Materials Stabilization and Disposition (Section B); Spent Nuclear Fuel Stabilization and Disposition (Section C); Solid Waste Stabilization and Disposition (Section F); Safeguards and Security (Section G); Soil and Water Remediation, Groundwater/Vadose Zone (Section F); Nuclear Facility D&D, Remainder of Hanford (Section D); and Work for Others (Section H).

FY 2004 Schedule/Cost Performance (\$000)

Performance Status FYTD and Monthly (\$000s)



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 contract. FY 2004 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 approved during the year.

Fiscal year milestone performance shows one enforceable agreement milestone is overdue. The milestone is WMP-04-005, *M-91-22 T Plant Ready to Receive Canister and Fuel Wash Sludge from K Basins*, originally due February 29, 2004, which is currently scheduled to be deleted as part of the M-91 settlement.

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 2004
Enforceable Agreement	6	0	1	1	0	1	2	11
DOE-HQ	0	0	0	1	0	0	0	1
RL	3	0	0	3	0	1	1	8
Total FH	9	0	1	5	0	2	3	20

Gold Metrics

Note: RL/HQ metrics relate to the Integrated Planning and Accountability System (IPABS). IPABS quantities are reported monthly to DOE-HQ.

Measure/Units		1st Qtr	2nd Qtr	3rd Qtr	FY 2004 To Date	Jul 2004	Aug 2004	Sep 2004	4th Qtr	FY 2004 Total
Plutonium Metal or Oxide packaged for long-term storage (# of container equivalents)	Planned	600	300	-	900	-	-	-	-	900
	Actual	800	100	-	900	Completed February 2004				900
Plutonium or Uranium Residues packaged for disposition (kg/bulk)	Planned	-	176	-	176	-	-	-	-	176
	Actual	-	-	-	-	Completed August 2003				-
Transuranic Waste shipped for disposal at WIPP (cubic meters)	Planned	49	50	49	148	17	18	17	52	200
	Actual	72	61	117	298	-	-	-	-	298
Low-Level and Mixed Low-Level Waste disposed (cubic meters)	Planned	665	333	833	1,831	448	471	573	1,492	3,323
	Actual	658	919	730	2,542	-	-	-	-	2,542
Spent Nuclear Fuel packaged for final disposition (MTHM)	Planned	189	181	181	550	81	-	-	81	631
	Actual	160	134	125	498	-	-	-	-	498
Nuclear Facility Completions (# of facilities)	Planned	-	-	-	-	-	2	-	2	2
	Actual	1	-	1	4	-	-	-	-	4
Radioactive Facility Completions (# of facilities)	Planned	-	-	-	-	-	-	-	-	-
	Actual	2	-	-	2	-	-	-	-	2
Industrial Facility Completions (# of facilities)	Planned	-	-	-	-	-	3	-	3	3
	Actual	4	-	-	4	-	-	-	-	4

Government Furnished Services/Items (GFS/I)

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. Currently 14 GFS/I are overdue from RL to FH.

NOTE: GFS/I data is through July 14, 2004, and does not reflect Contract Modification 205.

Overdue D&D GFS/I

Deactivation & Decommissioning				
Ref. ID	Item	Due	Impact	PI/Fee Impact
GF0009	Approve Action Memorandum for 224-B within 60 days of submittal of the 224-B Engineering Evaluation/ Cost Analysis (EE/CA).	9/20/2003	FH received new/unanticipated comments from EPA on 3/22/04 with the potential to delay issuance of the Action Memorandum an additional 60 days. Comments require FH to address below-grade remediation activities that were specifically negotiated in the Performance Incentive as not applicable to achieving the D&D to slab-on-grade condition. Despite the fact that FH is now deferring the 224B demolition post-contract period per RL priority guidance, this comment has the potential to impact other regulatory documents that are necessary to enable commencement of D&D work in other PI's that are under consideration in the U Plant region. A revised projection for issuance of the Action Memorandum is TBD until additional discussion is held with EPA. The delay of the 224B Action Memorandum will also delay 224B construction laydown-yard activities.	Potentially impacts PI S-5; however 224-B and T are not due until 9/30/06.
GF0009	Approve Action Memorandum for 224-T within 60 days of submittal of the 224-T EE/CA.	9/28/2003	Similar to the update provided for 224-B, the unanticipated comments received on 3/22/04 impact issuance of the Action Memorandum for 224-T, that FH requires by 3/29/04 to avoid impacting the project and FH's ability to meet performance incentive deliverables. While FH is now planning to defer the D&D of 224-T per RL prioritization guidance received 2/22/04, delay in issuance of the Action Memorandum will hamper FH's efforts to manage the workforce as the D&D of 233-S completes and permissions are gained for work at the U Plant region. However, should the current Performance Incentive be retained, the approval of the Action Memorandum will not be critical path until 6/15/04 when significant debris is being generated that would require disposal at ERDF. After 6/15/04 any delay would impact field activities. There are six months of float between the scheduled completion date (3/06) and the PI date (9/06). If the project is completed on schedule, fee would be earned in 3/06. Therefore, anything after the 6/15/04 would impact (postpone) earning fee and anything after 9/04 would jeopardize (lose) earning fee.	Potentially impacts PI S-5; however, 224-B and T are not due until 9/30/06. If the action memorandum is not received by 3/29/04, then FH will realize an impact.

Overdue PFP GFS/I, Continued

Plutonium Finishing Plant Closure				
Ref. ID	Item	Due	Impact	PI/Fee Impact
GF0020	Approve Supplemental Analysis and Record of Decision (ROD) amendment for PFP Weapon-Grade and Fuel-Grade material.	2/28/2003	<p>DOE has informed FH that PFP de-inventory completion is delayed until FY 2007. Revised HQ schedule shows the ROD issuance date slipping from 12/1/03 to 4/30/04.</p> <p>FH is updating the baseline to de-inventory, deactivate and dismantle PFP by 9/30/09 as directed per RL 04-AMCP-0028, dated 11/3/03. Letter FH-0304315A R1, dated 12/22/03.</p>	<p>PI S-3, Minimal near term impact; however, starting 1/4/04 the planned \$200K fee per quarter for the Pu shipments is impacted.</p> <p>Baseline update effort and associated PI revisions should mitigate impact.</p>
GF0027	Provide written direction to proceed with the design, construction and loading of an alternate on-site storage facility.	3/31/2003	<p>DOE has informed FH that PFP de-inventory completion is delayed until FY 2007. FH is evaluating alternatives for de-inventorying of the PFP to deactivate and dismantle PFP by 9/30/09 as directed per RL 04-AMCP-0028, dated 11/3/03.</p> <p>FH issued a letter to DOE recommending the 2736-Z/ZB vaults be used for storage in the interim until completion of de-inventory in FY 2007 (Letter FH-0304315A R1, dated 12/22/03).</p> <p>FH advises RL that alternate storage activities for SNM would have to be initiated 31 months in advance of the required PFP de-inventory completion date (Letter FH-0400441A R1, dated 3/16/04).</p> <p>No further impact anticipated at this time.</p>	<p>PI S-3, Impacts \$6.5M fee payment for removal of protected area by 12/30/05.</p> <p>Baseline update effort and associated PI revisions should mitigate impact.</p>

Overdue PFP GFS/I, Continued

GF0038	Approval of EE/CA for the Removal of the Contaminated Waste Recovery Process Facility, Building 232-Z	10/17/2003	Public comments received 2/2/04 are being evaluated. Should FH not receive approval by 4/30/04, impacts will be addressed.	PI S-5, 232-Z work is ongoing. This is not anticipated to impact \$1.5M fee for D&D of 232-Z.
GF0027	Provide Single Shell Tank beginning 11/1/03 at a rate to achieve an average of 16.5 truck and trailer shipments per quarter until de-inventory is completed or provide written direction to proceed with the design, construction and loading of an alternate on-site storage facility no later than 3/31/03.	11/1/2003	Two shipments anticipated in FY 2004. Due to the ROD slip, the first Savannah River Site (SRS) shipment scheduled for 04/04 is unlikely. Negotiating to reschedule the FY 2004 shipments after issuance of ROD. Six shipments anticipated in FY 2005. Routine monthly shipments would take place in FY 2006/2007. FH is updating the baseline to de-inventory, deactivate and dismantle PFP by 9/30/09 as directed per RL 04-AMCP-0028, dated 11/3/03.	PI S-3, Impacts \$4.5M fee for Pu shipments: - \$1M for 1st shipment, and - Pu shipment increments starting in June (+/-). Baseline update effort and associated PI revisions should mitigate impact.
GF0026	Approve one-time exception to ship FFTF fuel to SRS in M60 and RRSC containers, or approve Vulnerability Assessment and deviation that supports disposition by co-mingling with irradiated fuels within 90 days of submittal.	12/10/2003	Revised scenario will be included in baseline update.	PI S-3, No near term impact. Baseline update effort and associated PI revisions should mitigate impact.

Overdue WD/GW GFS/I, Continued

Waste Disposal/Groundwater Remediation				
Ref. ID	Item	Due	Impact	PI/Fee Impact
GF0080	Approve the 200 Effluent Treatment Facility Delisting Modification Petition for acceptance of unrestricted F039 multi-source leachate for Hanford's Resource Conservation and Recovery Act Subtitle-C disposal units.	1/31/2003	Estimate completion 9/30/04. Higher volume of "no path forward" waste at SCS if not received. Risk to final milestone.	PI S-4, There is no near-term impact because FH obtained an EE/CA document approval which allowed FH to ship MLLW to the ERDF. The delisting petition is necessary, but the EE/CA obviated the need by 1/31/03.
GF0083	Approve Hanford Solid Waste Environmental Impact Statement (EIS) (issue ROD).	7/31/2003	Delayed due to transportation analysis concerns. Potential impacts to trench space, MLLW treatment schedules, and operational costs. FH anticipates the EIS ROD will be issued in mid-March of 2004.	PI S-4, No near-term fee impact at this time.
GF0084	Authorize in-trench RCRA treatment, including alternative treatment of MLLW.	9/1/2003	Higher volume of "no path forward" waste at the Central Waste Complex if authorization is not received. Risk to final milestone. This authorization will be evaluated following approval of GF0083.	PI S-4, No near-term fee impact at this time.

Overdue WD GFS/I, Continued

GF0067	Provide Accelerated Process Line (APL) equipment, personnel, and funding for WIPP certification and shipment to include: 2 drum nondestructive examination (NDE) units, 2 drum nondestructive assay (NDA) units, 2 headspace gas sampling (HSGS) and analysis units, 2 drum repackaging glove boxes, and 1 mobile TRUPACT load-out station.	1/1/2004	<p>Only one HSGS, one NDA, and one NDE have been provided to date; however, it appears that DOE may withdraw these units. If withdrawn, then there will be a significant impact on achieving commitments for TRU shipment to WIPP.</p> <p>A plan to mitigate the impacts has been incorporated into the baseline adjustment currently in process with DOE. Does not affect 2004, but will have impact in 2005.</p>	PI S-4, The impact is being mitigated through the baseline adjustment process to be submitted 7/04.
GF0040	Gain concurrence NEPA/SEPA, RCRA permitting/notice of completion can start based on conceptual design.	3/31/2004		PI S-3 3, The impact is being mitigated through the baseline adjustment process to be submitted 7/04.
GF0041	Approve cesium/strontium safety analysis within 60 days of submittal.	5/31/2004		
GF0068	Provide Accelerated Process Line (APL) equipment for WIPP certification and shipment: 1 box NDE units, 1 box NDA unit, and 1 box repackaging glove box.	7/1/2004		

Contract Deliverables

There are no overdue FH contract deliverables that are pending (for the next 30 days, including any open deliverables from prior periods). One contract deliverable is within the next 30-day window from FH to RL.

NOTE: All contract deliverable data is through July 14, 2004, and does not reflect Contract Modification 205.

Spent Nuclear Fuel				
Ref. ID	Item	Due	Impact	PI/Fee Impact
CD0247	M-34-18B, Complete removal of all K Basins SNF. This interim milestone will be complete when all spent nuclear fuel has been removed from both the K West Basin and the K East Basin and has been transported to the cold vacuum drying facility. It is understood that additional fuel fragments may be discovered during removal of the sludge	7/31/2004	TBD	TBD