



Section A

Executive Summary

INTRODUCTION

This section provides an executive level summary of the performance information covered in this report and is intended to bring to Management's attention that information considered to be most noteworthy. All cost, schedule, milestone commitments, performance measures, and safety data is current as of December 30, 2000. Accomplishments, Issues and Integration items are current as of January 23, 2001 unless otherwise noted.

The section begins with a description of notable accomplishments that have occurred since the last monthly report and are considered to have made the greatest contribution toward safe, timely, and cost-effective clean up. Following the accomplishment section is an overall fiscal year-to-date summary analysis addressing cost, schedule, funds management and milestone performance. Overviews of safety ensue. The next segment of the Executive Summary, entitled Breakthroughs and Opportunities for Improvement represents potential significant improvements over the established baseline. The Critical Issues section is designed to identify the high-level challenges to achieving cleanup progress.

The next section includes FY 2001 EM Corporate Performance Measures, EM Management Commitment High Visibility Project Milestones and Critical Few Performance Measures.

The Key Integration Activities section follows next, highlighting PHMC activities that cross contractor boundaries and demonstrate the shared value of partnering with other Site entities to accomplish the work. Concluding the Executive Summary, a forward-looking synopsis of Upcoming Planned Key Events is provided.

Note: Milestones tracked and reported in this report consist of two Department of Energy levels. In descending order these levels are 1) Department of Energy-Headquarters (HQ), and 2) Richland Operations (RL). Because it is also useful to distinguish milestones based on specific drivers, the Site applies a designation for those milestones created or tracked to meet the requirements of Enforceable Agreements (EAs). When a milestone satisfies both an EA requirement and a milestone level, it is categorized as both. However, in order to avoid duplicate reporting, this report accounts for each milestone only once. Where an overlap exists between EA and a level (i.e., HQ or RL), the milestone is reported as EA. Additionally, Tri-Party Agreement (TPA) Major and Interim milestones are EA milestones. TPA milestones that are not enforceable are called Target milestones and are included in the TPA/EA milestone tables found in the applicable Project Sections.

NOTABLE ACCOMPLISHMENTS

Mixed Low Level Waste (MLLW) Treatment/Disposal Initiated — Thermal treatment ("shake-down testing") of MLLW was initiated at ATG on December 31, 2000. Initiation of production thermal treatment is forecasted for March 2001.

Nuclear Material Disposition Accelerates — A new daily high in the production rate for packaging nuclear material in cans was reached January 22, 2001 with the welding of seven cans.

B Cell Cleanout Continues — The 324 Building Deactivation Project staff shipped two additional Steel Waste Disposal Boxes (SWDBs) to compliant storage for a total of six of the twelve to fourteen SWDBs estimated to complete B Cell cleanout.

Fuel Movement Activities Continue — Loading of an additional six Multi-Canister Overpack (MCO) fuel storage baskets in the second MCO is complete. Shipment of the second MCO is planned for the week of January 29.

PERFORMANCE DATA AND ANALYSIS

The following provides a brief synopsis of overall PHMC Environmental Management (EM) cost, schedule, and milestone performance.

FY 2001 Schedule and Cost Performance

Schedule Performance — There is a FY 2001 year-to-date 6.4 percent (\$7.4 million) unfavorable schedule variance that is within the established 10 percent threshold. Projects outside the threshold are Nuclear Materials Stabilization, River Corridor, Advanced Reactors Transition, Technology Development, and Landlord. Detailed variance analysis explanations can be found in the Project Sections.

Cost Performance — FY 2001 year-to-date cost performance reflects an 11.1 percent (\$12.1 million) unfavorable cost variance that is outside the established 10 percent threshold. Projects outside the threshold are Spent Nuclear Fuels, Advanced Reactors Transition, Technology Development, Landlord, and National Programs. Detailed variance analysis explanations can be found in the Project Sections.

BASELINE PERFORMANCE STATUS

FY 2001 COST / SCHEDULE PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS (\$M)

DATA THROUGH DECEMBER 2000

	Current Fiscal Year Performance (\$ x Million)					PEM*	EAC	
	FYTD			Schedule Variance	Cost Variance			
	BCWS	BCWP	ACWP					
The Plateau								
1.2	Waste Management TP02,WM03-05	22.1	22.0	20.7	(0.0)	1.4	99.6	102.6
1.2.4	Analytical Svcs (222-S,HASP,WSCF) WM06	7.7	7.1	6.6	(0.6)	0.5	31.4	31.8
1.4.5	Nuclear Materials Stabilization TP05	26.2	22.1	23.5	(4.1)	(1.4)	106.6	106.6
	Subtotal The Plateau	56.0	51.3	50.8	(4.7)	0.5	237.7	241.0
The River								
1.4	River Corridor TP01,TP04,TP08,TP10,TP12,TP14	10.7	9.4	9.6	(1.3)	(0.2)	47.8	51.1
1.3	Spent Nuclear Fuel WM01	31.5	31.3	44.6	(0.2)	(13.3)	189.8	189.8
1.12	Advanced Reactors (EM)	0.5	0.4	0.2	(0.1)	0.2	1.5	1.5
	Technology Development ** (EM-50)	5.0	4.3	3.8	(0.7)	0.4	19.9	19.9
	Subtotal The River	47.6	45.4	58.3	(2.2)	(13.0)	259.0	262.3
The Future								
1.9	HAMMER HM01	1.3	1.3	1.2	(0.0)	0.0	5.6	5.6
	Subtotal The Future	1.3	1.3	1.2	(0.0)	0.0	5.6	5.6
Multiple Outcomes								
1.5	Landlord TP13	4.4	3.9	3.5	(0.5)	0.5	20.2	25.7
1.8	Mission Support OT01	5.3	5.4	5.8	0.1	(0.4)	24.1	24.1
1.11 & WM07	National Programs OT02, WM07	0.9	0.9	0.7	(0.0)	0.2	4.0	4.0
	Subtotal Multiple Outcomes	10.7	10.3	9.9	(0.4)	0.3	48.3	53.8
Total PHMC Projects		115.6	108.2	120.2	(7.4)	(12.1)	550.5	562.7

Notes: Column headings [Budgeted Cost of Work Scheduled (BCWS), Budgeted Cost of Work Performed (BCWP), etc.] are defined in the glossary at the end of the report. Calculations are based on Project Baseline Summary detail. Waste Management, Analytical Services, River Corridor, and Nuclear Materials Stabilization have included RL-Directed costs (e.g. steam and laundry) in the Project Execution Module (PEM) BCWS. Technology Development does not include ORP/RPP TTPs currently reported in the RL Dataset in PEM.

FUNDS MANAGEMENT FUNDS VS. SPENDING FORECAST (\$000) (FLUOR HANFORD, INC. ONLY)

Data Through December 2000

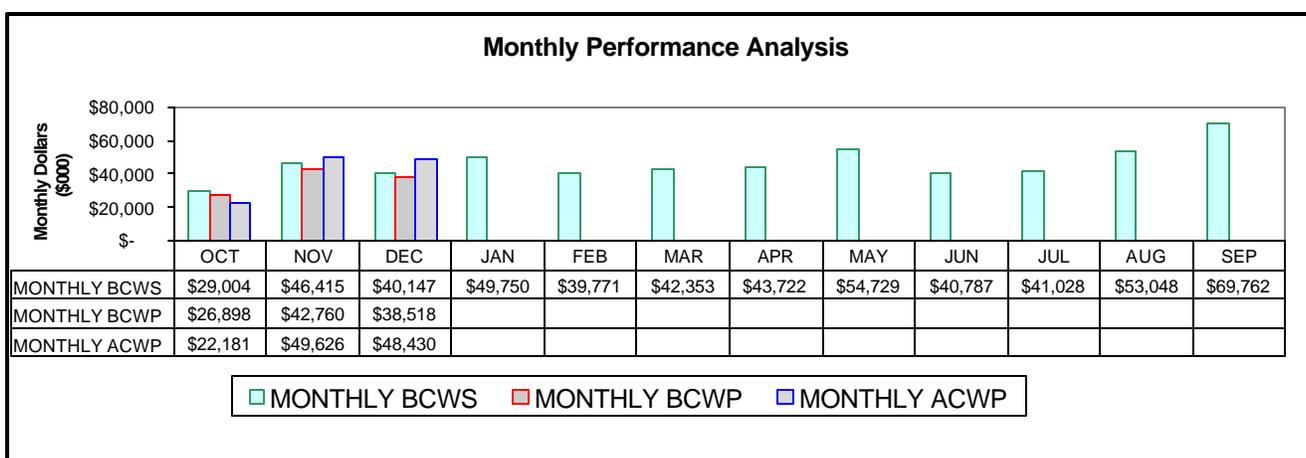
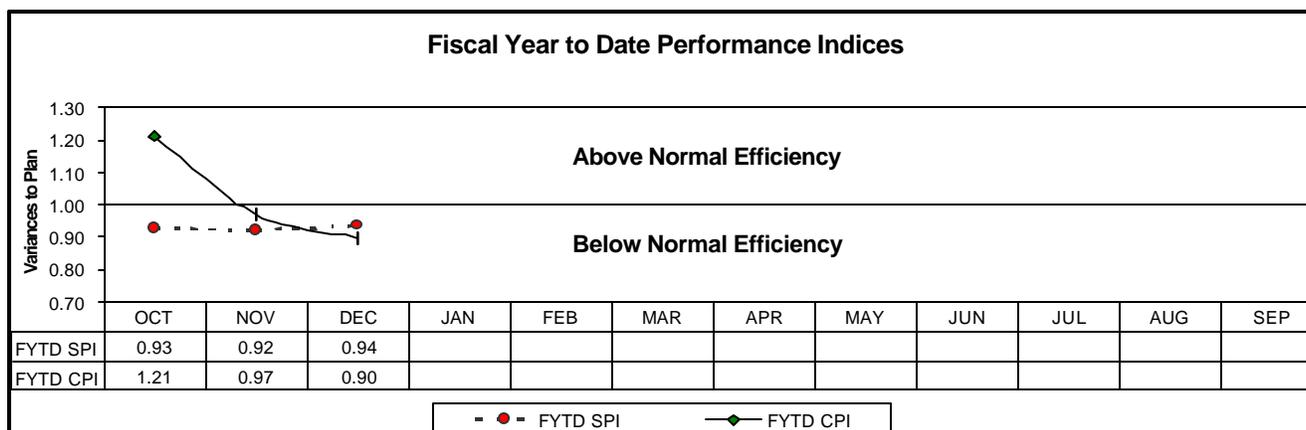
	Project Completion *			Post 2006 *			Line Items/Other *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
The Plateau									
1.2 Waste Management <small>TP02,WM03-05</small>				97,294	96,939	355			
1.2.4 Analytical Svcs (222-S,HASP,WSCF) <small>WM06</small>				30,778	31,636	(858)			
1.4.5 Nuclear Materials Stabilization <small>TP05 Line Item</small>	91,466	91,624	(158)				13,484	13,284	200
Subtotal The Plateau Operating	\$ 91,466	\$ 91,624	\$ (158)	\$ 128,072	\$ 128,575	\$ (503)			
Subtotal The Plateau Line Item							\$ 13,484	\$ 13,284	\$ 200
The River									
1.4 River Corridor <small>TP01,TP04,TP08,TP10,TP12,TP14,WM05</small> <small>Line Item</small>	49,706	49,601	105	5,637	5,551	86			
1.3 Spent Nuclear Fuel <small>WM01 Line Item</small>	188,071	183,400	4,671				16	16	-
1.1.2 Advanced Reactors (EM)							3,485	3,485	-
Subtotal The River Operating	\$ 237,777	\$ 233,001	\$ 4,776	\$ 5,637	\$ 5,551	\$ 86			
Subtotal The River Line Item							\$ 3,501	\$ 3,501	\$ -
The Future									
1.9 HAMMER <small>HM01</small>				6,345	5,373	\$ 972			
Subtotal The Future				\$ 6,345	\$ 5,373	\$ 972			
Multiple Outcomes									
1.5 Landlord <small>TP13</small>				22,167	22,724	(557)			
1.8 Mission Support <small>OT01</small>				17,692	17,210	\$ 482			
Subtotal Multiple Outcomes Operating				\$ 39,859	\$ 39,934	\$ (75)			
Subtotal Multiple Outcomes Line Item							\$ -	\$ -	\$ -
Total PHMC Proj Operating	\$ 329,243	\$ 324,625	\$ 4,618	\$ 179,913	\$ 179,433	\$ 480			
Total PHMC Line Items/Other							\$ 16,985	\$ 16,785	\$ 200

* Control Point

Notes: This chart reflects FH Project structure, which divides certain PBS's (WM05 and TP12) between projects. This breakout is necessary to provide FH project managers with information specific to their areas of responsibility and accountability and to facilitate effective management of the funds within their control (obligated to the PHMC). Consequently, these figures will differ from those shown elsewhere in this report (as generated in the PEM system). For purposes of funds management, the "Other" category includes all funding sources not suitable for redistribution within the Project Completion and Post 2006 control points.

The following charts provide an overall graphical view of cost and schedule performance.

FY 2001 SCHEDULE / COST PERFORMANCE



MILESTONE PERFORMANCE

Milestones represent significant events in project execution. They are established to provide a higher level of visibility to critical deliverables and to provide specific status about 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 EM cleanup mission.

FYTD milestone performance (Enforceable Agreement [EA], U.S. Department of Energy- Headquarters [DOE-HQ], and RL) shows that three milestones were completed on or ahead of schedule, three milestones were completed late, and two milestones are overdue. The two overdue milestones are associated with two projects: River Corridor (Section C: 2) and Spent Nuclear Fuel (Section D).

In addition to the FY2001 milestones described above, there is one overdue milestone [Waste Management (Section B: 1)] from FY1999 and two [Waste Management (Section B: 1) and River Corridor (Section C: 2)] from FY2000. Further details regarding these milestones may be found in the referenced Project Sections.

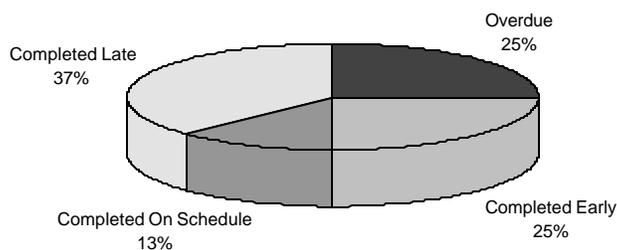
FY 2001 information is depicted graphically on the following page. For additional details related to the data in the graphs and prior year milestones, refer to the relevant project section titled "Milestone Exception Report."

FY 2001 information reflects the Phase 1 MultiYear Work Plans (MYWPs). 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.

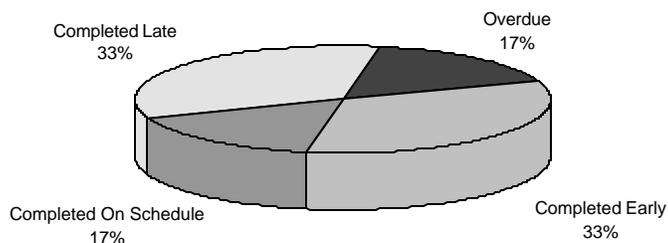
TOTAL ALL HANFORD PROJECTS MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	1	1	0	4	0	6
DOE-HQ	0	0	0	0	0	2	1	3
RL	2	1	2	1	9	27	0	42
Total Project	2	1	3	2	9	33	1	51

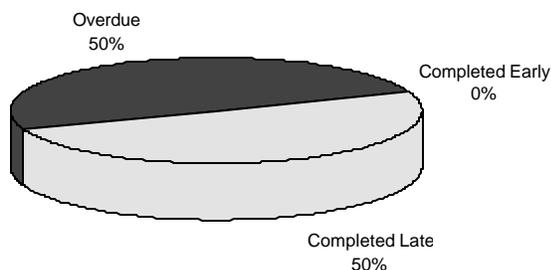
Total Project (FYTD)



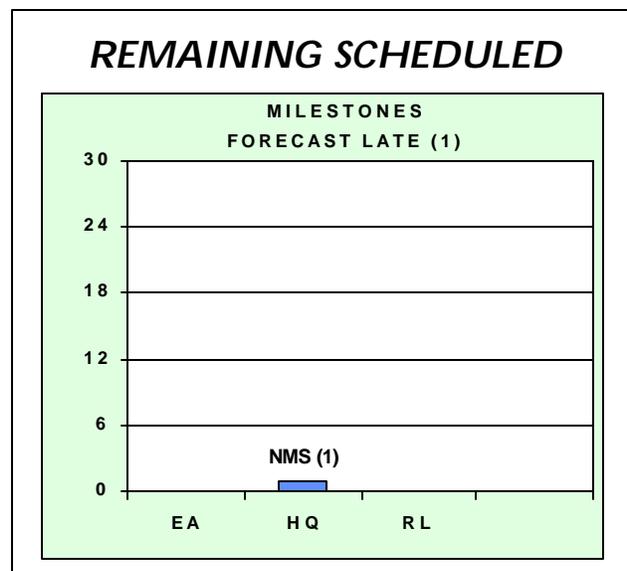
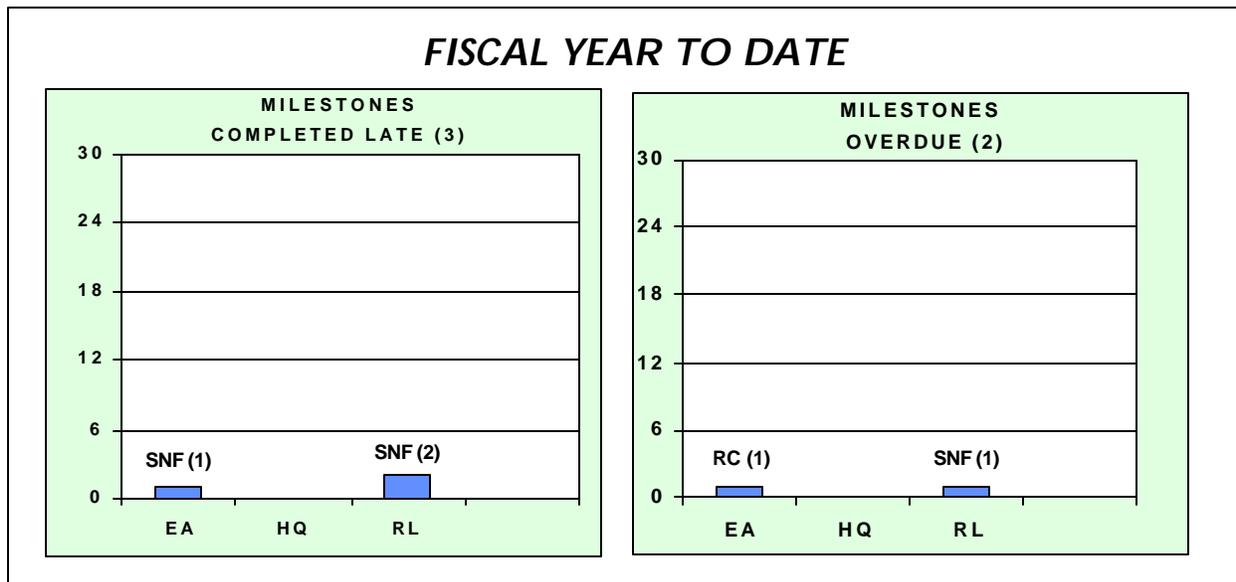
RL



Enforceable Agreement



MILESTONE EXCEPTIONS



These charts provide detail by project and milestone level / type for milestones

- Completed Late
- Overdue
- Forecast Late
- Detailed information can be found in the individual project sections

SAFETY OVERVIEW

The focus of this section is to document trends in occurrences. Improvements in these rates are due to the efforts of the PHMC workforce as they implement the Integrated ES&H Management System (ISMS), work towards achieving Voluntary Protection Program (VPP) "star" status, and accomplish work through Enhanced Work Planning (EWP). Safety and health statistical data is presented in this section.

Significant Safety and Health Events

On December 6, 2000, after working 11 million hours since the previous lost away workday injury, Fluor Hanford experienced a lost away workday injury. This lost away workday was due to surgery required from an injury in July 2000, which had not been responding to treatment. The record of 11 million hours and nearly one calendar year without a lost away injury was the result of the diligent efforts of all employees, including bargaining unit, staff, management, and subcontractors to improve the safety and quality of work performed.

The Lost or Restricted Workday Case Rate has been below average for ten of the past eleven months. This is a statistically significant improvement in this case rate, and is a result of ongoing safety improvement efforts.

Fluor Hanford continues to implement ergonomic efforts to protect workers from awkward body motion and computer keyboard hazards. A core team of Health Physics Technicians is closely examining ergonomic issues with their occupation, and actions are being taken to improve the ergonomic properties of their hand held equipment. These efforts should support the ongoing decrease in OSHA recordable case rate and continue the exemplary lost away workday record.

Fluor Hanford is the recipient of this year's Association of Washington Business (AWB) Better Workplace Certificate of Merit in Workplace Safety for firms with more than 250 employees. Fluor Hanford was recognized at a presentation ceremony on December 13, 2000. The AWB recognized Fluor Hanford for its strong support for workplace safety and employee involvement in workplace improvements.

Protection Technology Hanford (PTH), a corporate subsidiary of Philadelphia-based Protection Technology, Inc., and subcontractor to Fluor Hanford, Inc. has achieved VPP Merit Status, an industry occupational health and safety standard that has been awarded to only 555 of the millions of businesses operating nationwide. PTH has shown the DOE and OSHA that its own internal safety and accident prevention programs are so rigorous and its past record so successful, that the organization will be allowed to "self-police" in the area of safety and health, and could be exempted from external safety inspections for a period of up to five years.

The Waste Management Project (WMP) is well on the way to 2 million safe hours. There have been recent significant reductions in the OSHA Recordable Case Rate, and the Lost/Restricted Workday Case Rate. Improvement still needs to continue in their OSHA Recordable Case Rate.

The Analytical Services Project (AS) Lost Away Workday Case Rate for FY 2000 increased to 0.9. A July 2000 case gained a lost away workday in December 2000, ending the Fluor Hanford record at 11 million hours without a lost away workday.

The Nuclear Material Stabilization Project (NMS) has exceeded 1.2 million safe work hours since the last lost away workday case. The NMS OSHA Recordable Case Rate is 1.3 for FY 2001 to date.

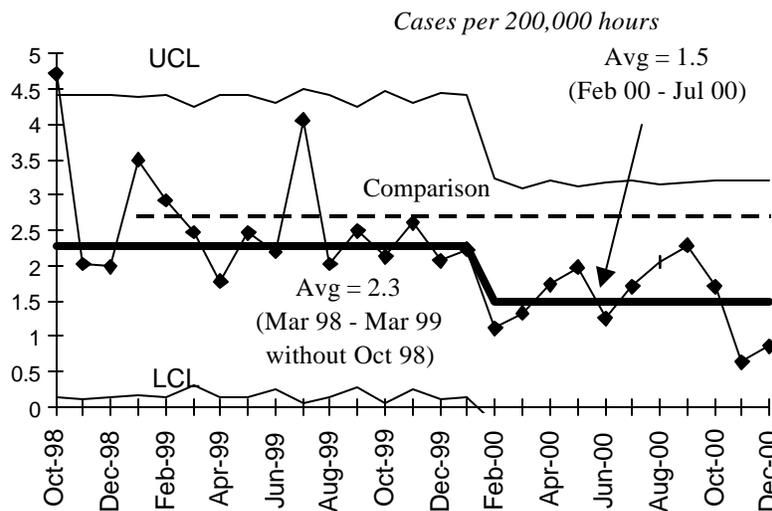
The River Corridor Project (RCP) is approaching 1.5 million safe work hours since their last lost away workday case. A new baseline for the RCP OSHA Recordable Case Rate was established at 3.0 cases per 200,000 hours due to a peak in cases in the summer of 2000, but there have been no new OSHA recordable cases in the past four months.

The Spent Nuclear Fuels Project (SNF) has achieved 2.2 million safe work hours. The SNF OSHA Recordable Case Rate for the past three months has been favorable and is at the FH 0.9 goal, but this time period is not long enough to show a permanent improvement, especially given the unpredictable nature of the past data.

The Landlord Project (LL) Lost Away Case Rate is excellent and LL has achieved one and a quarter million safe work hours. The LL OSHA Recordable Case Rate has been below average for seven consecutive months, a statistically significant decrease.

Due to space constraints, FY 1996 through FY 1998 data are not portrayed on the following graphs.

Total OSHA Recordable Case Rate



FY 2000 = 1.9
FY 2001 to date = 1.1
Contractor Comparison
Average = 2.7 (CY99)

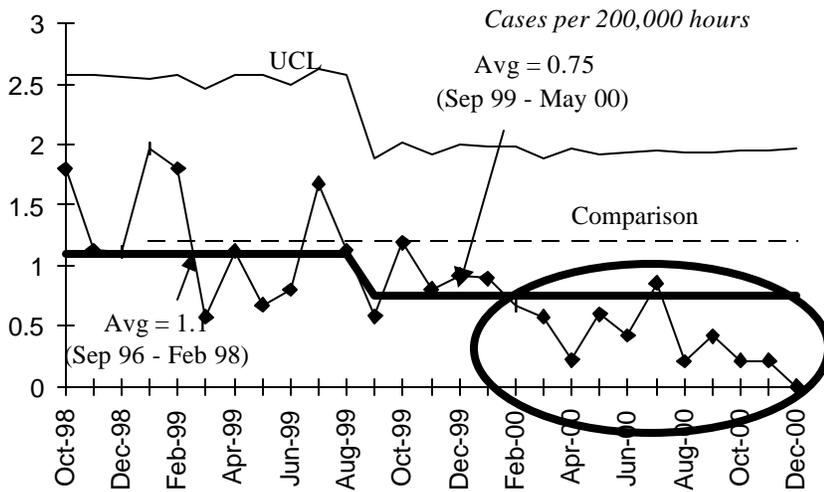
Recent data have been stable within the new 1.5 baseline. The FH Team continues to look for opportunities to reduce injuries in the areas of ergonomics and lacerations.

FH implemented a program to target an OSHA Recordable Case Rate of 0.9. The Fluor Global Services goal is 1.0. This is in line with Fluor's corporate value of safety and our commitment to the safe clean-up of the Hanford Site.

A team continues to work on Health Physics Technician ergonomics, focusing upon work practices and equipment. HPT's are the leading source of injuries, and these are primarily ergonomically related. Actions are being taken to address human factors issues with equipment and the aging workforce through the cooperation of the HPT's, their management, ES&H, and HEHF.

The Department of Energy complex-wide rates for DOE contractors are used as comparisons on these charts. These data are retrieved from the EH-33 reports at <http://tis.eh.doe.gov/cairs/stats.html>.

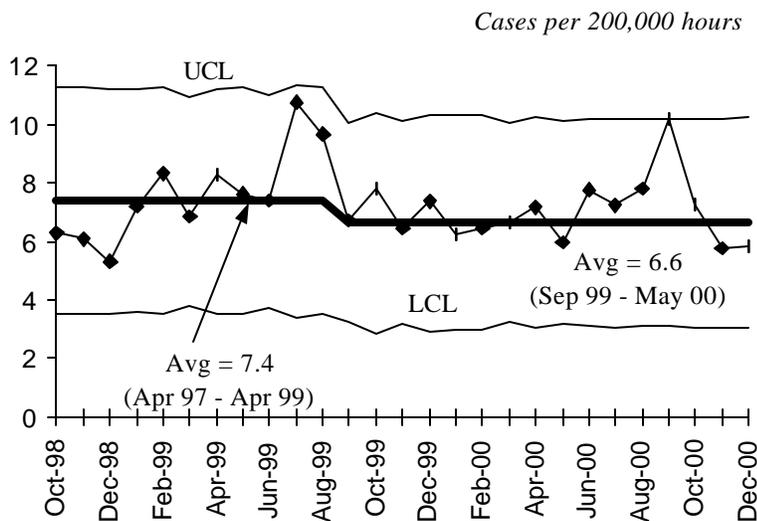
OSHA Lost/Restricted Workday Case Rate



FY 2000 = 0.64
 FY 2001 to date = 0.14
 Contractor Comparison Average = 1.2 (CY99)
 This chart displays a significant decreasing trend, with 10 of the past 11 months in a row below average.

FH tracks the hours between Lost Away Workday Cases (not including restricted workday cases). This record reached 11 million hours in December, but on December 7, 2000 a lost away workday was incurred on an injury which occurred on July 28, 2000. Surgery was required to correct the condition caused by that injury. This resets the safe hour count to July 28, 2000 to present, which is 4.8 million hours.

FIRST AID CASE RATE

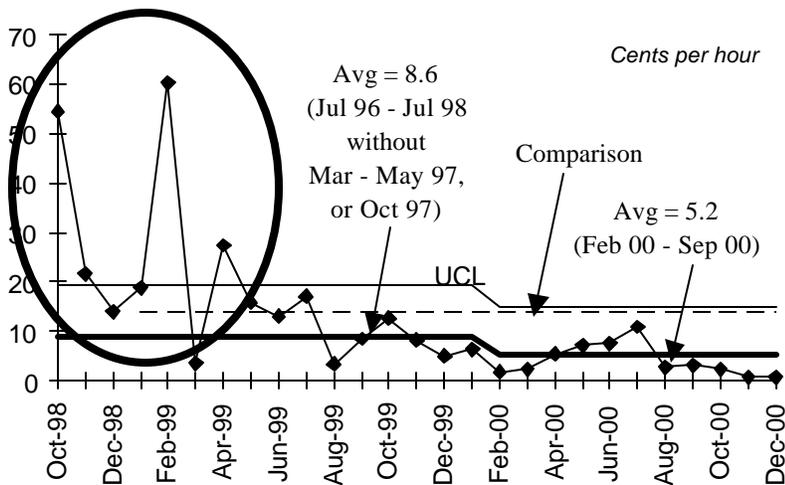


First Aid Rate undergoes seasonal cycles. Increases occur in warmer weather due to insect and animal encounters, and due to wind related minor injuries. First Aid case rate has remained relatively stable, a good indicator that injuries are not being under-reported.

There was a nearly significant increase in September 2000, but the increase appears to be primarily related to summer increases in insect and wind hazards. Past activities to increase awareness of wind hazards and actions to control insects and animals appear to be having an effect.

The hazard of receiving wind-borne debris in eyes when working outdoors has considerably increased due to the bare, exposed sand left by the Hanford wildfire.

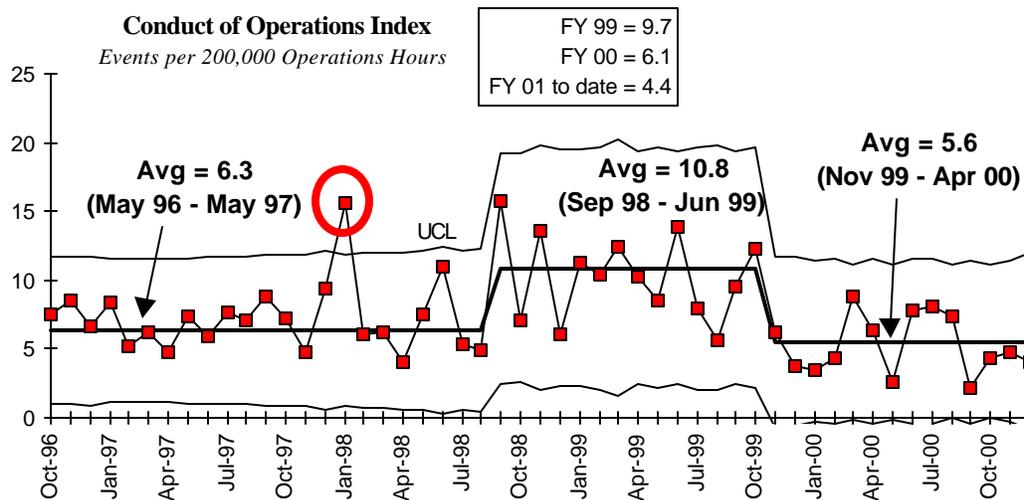
DOE SAFETY COST INDEX



FY 2000 = 6.1
FY 2001 to date = 1.3
Contractor Comparison Average = 13.9 (CY99)
The current baseline has been adjusted upwards due to additional restricted days gained on cases in the Feb 00 - Sep 00 time interval. Past data continue to be corrected as further days accumulate on any work restrictions or lost days.

Green

CONDUCT OF OPERATIONS / ISMS STATUS



Green

ISMS STATUS

Green

The Waste Management Project (WM) ISMS portion of the Facility Evaluation Board (FEB) in-brief was presented the first week in January. The FEB briefing included topical information relating to the National ISM Conference held in early December in the Tri-Cities (WA). The FEB assessment is currently in process.

WM personnel updated the configuration control procedure (WMP 200, Section 1.19) with the project's ISMS System Description.

There were continued safety improvements at PFP through Integrated Environmental, Safety and Health Management System (ISMS).

The River Corridor Project (RCP) Facility Evaluation Board assessment has been completed. The report on grading is being finalized. The RCP ISMS Sustain and Maintain process is in place.

The Advanced Reactors Transition Project continues to work on improvement initiatives that resulted from the ISMS Phase II readiness review. These initiatives include improving the Automated Job Hazard Analysis (AJHA) process and worker involvement in the preparation of work documents.

The Landlord Project Voluntary Protection Program (VPP) application was submitted to DOE and the evaluation was conducted November 14 through November 16, 2000. Initial feedback from the evaluation team was extremely positive. Final results from the evaluation are expected in January 2001.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Alternate Fuel Transfer Strategy (AFTS) — The AFTS will move fuel from the K East (KE) Basin to the K West (KW) Basin for processing in lieu of processing fuel in the KE Basin. This strategy will greatly reduce worker radiation exposure (physical), safety risks, and increase the confidence level that the life cycle cost and schedule objectives can be achieved. This strategy will reduce the complexity of the process and the safety envelope.

300 Area Accelerated Closure Plan (ACP) — The ACP provided the basis for the new “Done-in-a-Decade” closure project saving over \$1.0 billion. A Baseline Change Request (BCR) has been issued to prepare the Area 1 Engineering Evaluation & Cost Analysis (EE/CA) and to begin skyline reduction activities during FY 2001, with incremental funding provided by RL.

Technical Reviews of 327 Hot Cell Removal — Technology Management, in conjunction with RCP, submitted a draft proposal for conducting a review of the feasibility of intact removal of hot cells from the 327 facility. The topic and scope of this proposal was accepted by 327 Facility management; the review began January 22, 2001.

Remote Size Reduction System — FH has been notified that the Remote Operations Size Reduction System (ROSRS), a remote glove box size reduction system designed and fabricated for use at Rocky Flats, will not be utilized. FH, in conjunction with RL, Rocky Flats, and EM-50, is leading an effort to evaluate the redeployment of the ROSRS to Hanford. The recommendation is targeted to be completed by August 2001.

Value Engineering for Configuration Management — River Corridor Project is planning a Configuration Management (CM) Value Engineering (VE) Study March 5 - 9, 2001. The team that will participate in the CM VE Study includes personnel from the RCP, FH Project Operations Center, other FH Projects, RL, and Bechtel Hanford, Inc. The purpose of the VE Study is to seek out cost-effective CM methods that can be applied to facilities that are either transitioning to deactivation or in a deactivation mode.

Opportunities for Improvement

Mixed Waste Focus Area — Waste Management continues to work with the Mixed Waste Focus Area (Robotics Product Line) on a technology development/ demonstration activity at Hanford. The details of a demonstration/deployment of size-reduction technologies are being worked out.

WESF Basis for Interim Operations (BIO) — The WESF rapid loss of pool cell water accident and associated controls are being evaluated in depth and will be documented in a revision to the WESF BIO. A reduction in the minimum staffing requirement is expected from this analysis and BIO revision.

Multi-Canister Overpack (MCO) Production Rate Improvements — The Spent Nuclear Fuel Project is currently analyzing the reduction of fuel processing, loading, and drying times in an effort to meet and improve the baseline schedule for MCO processing.

PPF Schedule Improvement — Plant management has identified, and requested DOE-RL concurrence, for direct disposal of a number of candidate low gram plutonium nitrate solutions currently scheduled for Mg (OH)₂ processing. This modification, if approved, will result in schedule acceleration of the solutions stabilization project and reduce processing, packaging, and storage costs.

Billet Safety Analysis Report for Packaging (SARP) — The Unirradiated Uranium Billet Safety Analysis Report for Packaging (SARP) is required to support shipment of uranium billets off-site. The current uranium billet SARP, Revision K, with a Certificate of Compliance (COC), allows shipment of only three billet boxes per trailer instead of five boxes per trailer as were analyzed for the revision. Shipping five boxes instead of three will save approximately \$200K of the billet transportation cost. A revised SARP to allow for the five billet boxes per trailer has been prepared and is targeted to be issued by January 31, 2001.

Value Engineering Crane Maintenance — A value engineering study to determine alternatives and solutions to reduce 324 Building crane downtime and personnel dose was completed on January 12, 2001. A broad range of recommendations was provided to RCP management in the following categories: work management, maintenance, training, operations, engineering and spares management. The recommendations are currently being evaluated in preparation for implementation.

Landlord Basis of Estimates — The Landlord Master Plan provides basis of estimates, which will validate the baseline in the MYWP as Phase II planning activities continue.

ISSUES

TPA Milestone M-91-12 Dispute — Ecology has been notified that RL has invoked the Dispute Provision of the TPA relative to completion of the milestone to initiate thermal treatment. WMP is supporting RL preparation of the dispute response.

242A Evaporator Campaign Potential Delays — Issues with PCBs may impact the current plans to initiate the FY 2001 campaign in March 2001. Negotiations with the Environmental Protection Agency are continuing.

Inability to meet TPA Milestone on B Cell Cleanup — The schedule for completing B Cell cleanup was impacted primarily due to technical/mechanical issues (high-dose SWDBs, 30-ton crane and 3-ton crane repairs, and Safety Analysis Report revision) and needed operational improvements, as well as a reduction in the amount of overtime previously planned in the baseline schedule. FH, in concert with RL and Ecology, has prepared a revised schedule that also predicts future schedule impacts. FH is currently on schedule to meet the new commitment date. (*No further status to be provided.*) See the River Corridor Project Section C: 2 for more information.

EM CORPORATE PERFORMANCE MEASURES

Performance Measures	FYTD Planned	FYTD Actual
Facilities Deactivated/Decommissioned		
Facilities deactivated	7	7
Facilities decommissioned	7	7
TRansUranic (TRU) Waste		
Stored - total inventory (m ³)	16,467	16,405
Disposed (shipped to DOE site m ³)	17	18
High Level Waste		
Stored - total inventory (m ³)	2	2
Treated (m ³)	0	0
Mixed Low Level Waste		
Stored - total inventory (m ³)	7,581	7,525
Treated (m ³)	0	0
Disposed	2	1
Low Level Waste		
Stored - total inventory (m ³)	299	299
Disposed (on-site/commercial) (m ³)	2,628	2,150
Material Stabilized		
Plutonium Oxide (cans)	148	0
Plutonium Solution (L)	137	136
Plutonium Residue (kg)	293	59
SNF Moved to Dry Storage		
Heavy Metal (MT)	5.26	5
Technology Deployments	7	1
Pollution Prevention		
HAZ (MT)	39	3
SAN (MT)	1,692	204
LLW (m ³)	418	30
MLLW (m ³)	131	21
Cleanup/Stabilized Waste Avoided		
FY2001 planned baseline amount (m ³)	1,926	411
FY2002 planned baseline amount (m ³)	N/A	

All of the above reflects the FY2001 year to date through December 2000 status. Baseline Performance Measures are in the process of being updated to the newly agreed to FH contract and will be portrayed in future reports. For deviations +/- 10%, see the following projects sections: LLW Disposed (Waste Management Project); Materials Stabilized - Plutonium Oxide, and Residue(Nuclear Materials Stabilization

EM MANAGEMENT COMMITMENT MILESTONES

EM Management Commitment Milestones are currently being negotiated and will be reported when approved.

CRITICAL FEW PERFORMANCE INCENTIVES

The following table portrays the incentives contained in the new contract extension, and are not reflected in all the Project Sections of this report. Reporting relating to the revised incentives for all Projects will begin with the next report.

PERFORMANCE MEASURE	Data Through December 2000
Spent Nuclear Fuel:	
Measure – Transfer K-Basin Facility to River Corridor Contractor Remove spent fuel by July 31, 2004	Green
300 Area Cleanup:	
Measure – Accelerate 300 Area cleanup	Green
Measure – Support River Corridor Project contract transition	Green
200 Area Facility Disposition:	
Measure – Disposition surplus buildings and rolling stock	Green
Waste Management:	
Measure – Treat and Dispose MLLW	Green
Measure – Certify TRU waste and ship to WIPP	Green
Measure – Complete physical activities necessary to store K-Basins sludge at T-Plant	Green
Measure – Complete contractor readiness assessment (T-Plant)	Green
Measure – Prepare T-Plant to support M-91 activities	Green
Plutonium Stabilization:	
Measure – Pu metal/oxides/other types dispositioned All Pu bearing materials stabilized by May 31, 2004	Green
Measure – PFP Deactivation	Green

Note: Above ratings reflect newly established contract commitments that have not been fully incorporated into project baselines. Consequently, these ratings may differ from those found in the project sections which reflect current baseline performance. Yellows noted above are behind schedule but recoverable. Red is either missed or unrecoverable.

KEY INTEGRATION ACTIVITIES

The following are the key technical integration activities that are currently underway and cross project/contractor lines. These activities are being addressed by inter-discipline and inter-project groups and demonstrate that Hanford Site contractors are working together to accomplish the EM Clean up mission.

- Waste Management continued support to Nuclear Materials Stabilization for removal of waste from the Plutonium Finishing Plant
- Analytical Services continues to support ORP efforts to establish required analytical support for Waste Treatment Plant (WTP) design and operation.
- Techniques for improving Mg(OH)₂ precipitate processing of plutonium bearing solutions are being worked jointly by staff members of the Plutonium Process Support Laboratories and the Pacific Northwest National Laboratory. In order to stabilize oxides containing chloride impurities a meeting has been held with PNNL to select the characterization and material pretreatment methods to remove chlorides prior to processing.
- Through involvement with the National Facility Deactivation Initiative, Hanford, Rocky Flats, and Savannah River submitted a joint proposal focused on deployment of large equipment size reduction systems. DOE-HQ/EM-50 plans to announce the selection of the winning proposals by the end of January 2001.
- Spent Nuclear Fuel (SNF) final disposition interface activities, including Office of Civilian Radioactive Waste Management (OCRWM) Quality Assurance (QA) Program implementation, is ongoing with the National SNF Program.

- The SNF Project and Waste Management Project continued preparations for K Basins' sludge removal and Shippingport (PA) Pressurized Water Reactor Core 2 SNF removal.
- The SNF Project and Bechtel Hanford, Inc. worked together on shipping requirements for SNF discovered during upcoming 105F and 105H reactor basins deactivation.

UPCOMING PLANNED KEY EVENTS

The following key events are extracted from the authorized baseline and are currently expected to be accomplished during the next several months. Most are Enforceable Agreement (EA), HQ or DNFSB Milestones.

Waste Management

- Conduct 242-A evaporator campaign in March 2001.
- Commence TRU waste shipments to WIPP on March 29, 2001.
- The Land Disposal Restriction Report will be prepared and issued by April 30, 2001 to meet TPA milestone M-26-01.
- Accelerate Readiness at T Plant to Receive and Store Spent Nuclear Fuel K Basin Sludge -
 - Complete procedures, training, and Operations Readiness Review (ORR) by June 2001.
 - Complete entire deck clearing in FY 2001.
 - Complete safety basis documentation and long lead procurements in FY 2001.
 - Install handling, drying and loading equipment in FY 2001.

Nuclear Materials Stabilization:

- Receive delivery of the 2736-ZB BTS and Outer Can Welder (OCW) during the second quarter of FY 2001.
- Complete repackaging of Pu metal inventory (inner cans) by March 31, 2001.
- Complete modifications to one vault cubicle by April 2, 2001.
- Complete repackaging and shipping of Rocky Flats Ash to the Central Waste Complex (CWC) by April 30, 2001.
- Complete stabilization of plutonium alloys by June 30, 2001.

River Corridor Project

- Implement technical update of 324 Authorization Basis (Safety Analysis Report) by January 27, 2001.
- Procure the robotic system from Cybernetix to support 324 Building in-cell cleanout (delivery is scheduled in March 2001).
- Complete Removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment by March 30, 2001.
- Begin 224-T facility initial entry and characterization by mid-April 2001.
- Complete shipment of approximately 235 metric tons of excess uranium billets and approximately 5 metric tons of uranium dioxide to the DOE Portsmouth site in Ohio by March 31, 2001 and disposition approximately 140 metric tons of surface contaminated uranium fuel by June 30, 2001.
- Complete shipment of B Cell mixed and low-level waste to the 200 Areas by July 31, 2001.
- Implement technical update of 327 Authorization Basis (Basis of Interim Operation) by the end of FY 2001.
- Demolish 3902A, 3902B, and 303-K Buildings in the 300 Area by September 30, 2001.
- Disposition uranium billets, uranium dioxide, surface contaminated fuel and scrap materials in 200/300 Areas, and thorium-232 from 303-K Facility by September 30, 2001.

Spent Nuclear Fuels

- Complete KE Basin Integrated Water Treatment System definitive design in April 2001.
- Submit Annual Debris Report to Department of Ecology/Environmental Protection Agency (EPA) in May 2001.
- Initiate KW Basin spent nuclear fuel canister cleaning operations August 2001.
- Continue receipt of MCO shipments through FY 2001.

Landlord

- Complete Project L-309, "Replace Main Water Lines" by January 2001.
- Complete installation of a chlorine containment system for Project L-303, "200 West Area Chlorine Mitigation" in March 2001.
- Complete Construction for Project L-270, "Emergency Services Renovation," in April 2001.
- Complete Definitive Design for Project L-339, "PFP Water System Isolation – Install Sanitary Water to WRAP," in April 2001.
- Issue Notice of Award for Fixed Price Construction for Project L-298, "Road Resurfacing," in April 2001.