

## SUMMARY

The River Corridor Project consists of the following projects: 300 Area Liquid Effluent Facility (LEF) WBS 1.2.3.2, Project Baseline Summary (PBS) WM05; B-Plant, WBS 1.4.1, PBS TP01; 300 Area/Special Nuclear Materials, WBS 1.4.4, PBS TP04; Transition Project Management, WBS 1.4.6, PBS TP12; Accelerated Deactivation, WBS 1.4.8, PBS TP10; 324/327 Facility Transition, WBS 1.4.10, PBS TP08; and Hanford Surplus Facility Program (300 Area Revitalization), WBS 1.4.11, PBS TP14.

PBS WM05 is divided between WBS 1.2.3.1, Liquid Effluents (200 LEF) and WBS 1.2.3.2, 310 TEDF/340 Facility (300 LEF). The 310 TEDF/340 Facility work scope is now included in the River Corridor Project, whereas the Liquid Effluents (200 LEF) work scope has remained in Waste Management. For the purpose of performance analysis, PBS WM05 is reported in its entirety in the Waste Management Project, which has the majority of the work scope and funding incorporated in their baseline.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, Metrics and Cost/Schedule data contained herein is as of March 31, 2000. All other information is as of April 26, 2000.

Good progress was made toward closeout of the actions required by the B Plant transfer Memorandum of Agreement (MOA). Vibration testing of the ducting has been completed. The subject matter experts verified that the crack was caused by vibration from harmonics that occurred when the system was operated at a low-flow condition. The system will be run at full-flow to avoid the problem once the field repair/plate welding is complete. The Department of Health has extended the due date to June 30, 2000 for restart of the exhaust system.

Progress continues toward Accelerated Deactivation of the 327 Facility with the removal of 180 of ~300 sample cans from Dry Storage. Additionally, size reduction of Pin Tubes for packaging into shielded drums is complete.

Size reduction of the 2A Rack, “clamshelling” the fallen pieces from the cell floor, and placing them in grout containers from the 324 Building B-Cell completes Milestone RL TRP-99-936.

Grout container GC-137 was shipped to the Low-Level Burial Grounds in 200 Area. Five containers have now been shipped for the 17-container campaign. These are the first containers to be shipped since the fall of 1998. The shipments close out all waste characterization and packaging, and shipping issues that have confronted the 324 team for the past 1½ years.

The Accelerated Deactivation project is making good progress in planning for the disposition of approximately 1,865 metric tons (MT) of Hanford Unirradiated Uranium. Responses to public comments on the Environmental Assessment (EA) have been incorporated and the revised EA is being reviewed by DOE-RL. Additionally, the Hanford Advisory Board was briefed on the intent to bury non-contaminated fuel at the Low-Level Burial Ground (LLBG). Final disposition of Unirradiated

Uranium fuel elements to low-level waste burial grounds vs. packaging and transportation to Portsmouth, Ohio for interim storage provides the method to save in excess of \$1M over the current Project Management Plan cost baseline. If funded and regulatory agreement is received, disposition of the Uranium fuel elements will occur in the last quarter of FY 2000. Concurrently, Phase I activities to prepare uranium billets and UO<sub>3</sub> T-hoppers for shipment are continuing. Additional savings can be realized by consolidating shipments of Uranium billets and Uranium Oxide powder, which will save approximately 40% (\$200K) of the planned transportation cost to Portsmouth, Ohio. If funding is identified to support this initiative, shipment of the material to Portsmouth will occur in the June/July 2000 time frame.

The Project Management Plan for the 300 Area Special Case Waste, HNF-5068, Revision 1 (M-092-14), was completed 30 months early, pending acceptance of the plan by Ecology.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that two of three milestones (67 percent) were completed on or ahead of schedule and one milestone is overdue. The Milestone Achievement details, found following cost and schedule variance analysis, provide further information on all milestone types.

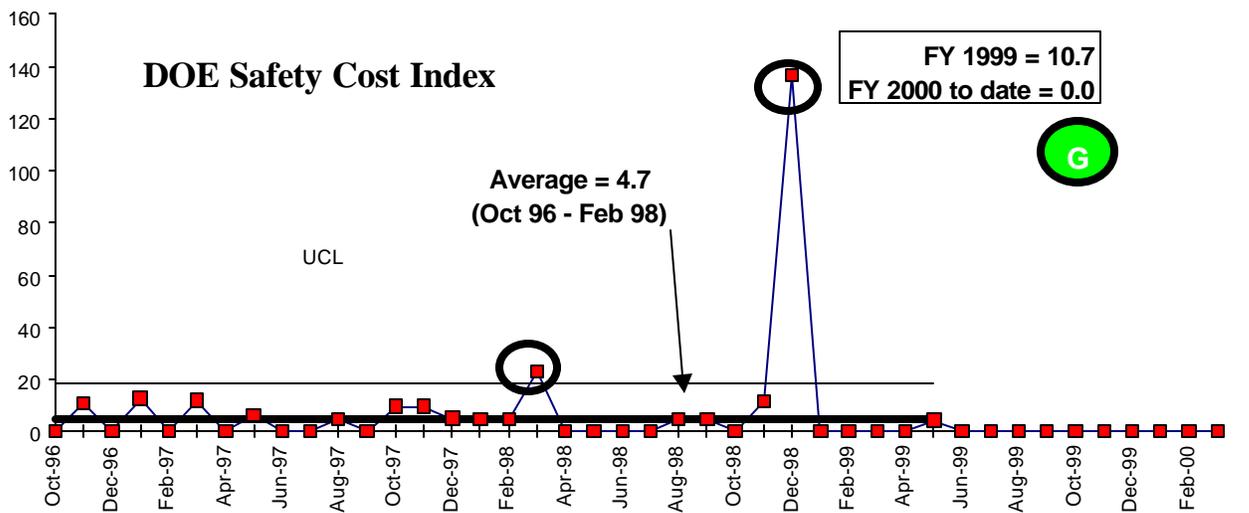
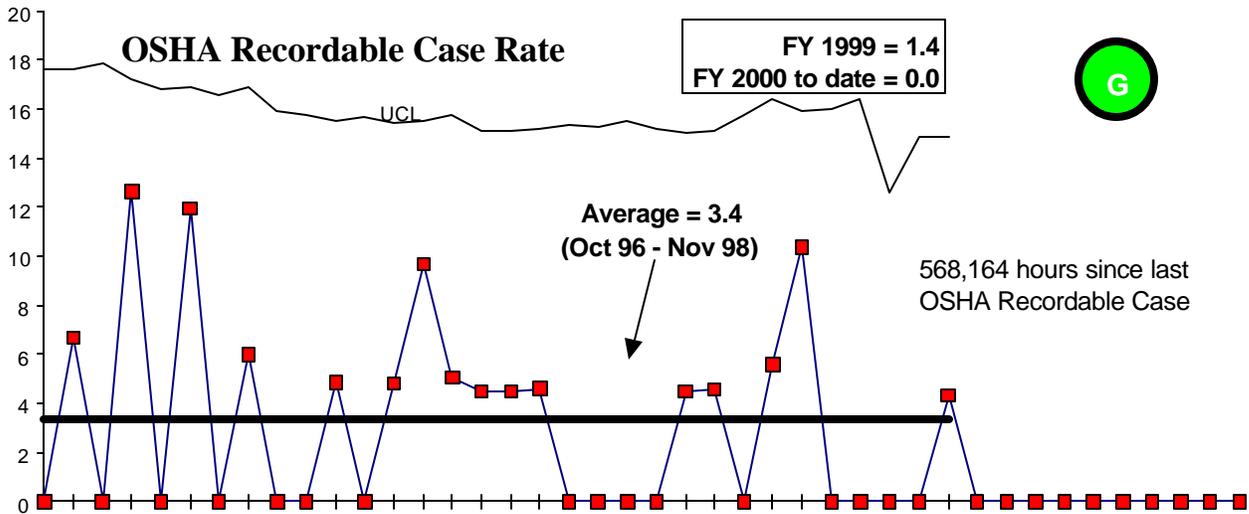
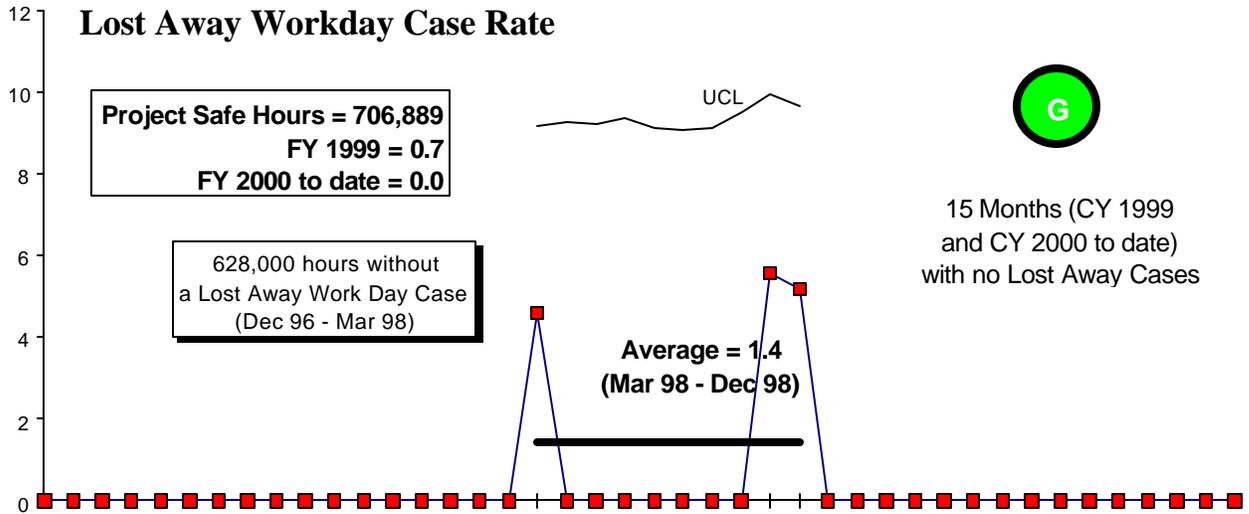
## **ACCOMPLISHMENTS**

- Grout container GC-137 was shipped from 324 to the Low-level Burial Grounds in 200 Area. Five containers have now been shipped for the 17-container campaign. These are the first containers to be shipped since the fall of 1998.
- The A Cell Request for Service was approved and the A Cell PVC tubes were shipped from 324 to the Low Level Burial Ground.
- Over 1 million gallons of water impacted by the citric acid upset have been successfully treated at the 300 Liquid Effluent Facility (LEF), with the process performing properly and effluent meeting discharge limits. Recovery from the process upset is complete.
- Corrective actions for access control for potential beryllium contaminated facilities in the Accelerated Deactivation organization are complete.
- The Auditable Safety Analysis and Hazard Classification for the 3706 Building are complete.
- Public comments for the Uranium Disposition National Environmental Protection Act Documentation (EA) have been incorporated, and the revised EA is being reviewed by DOE-RL.
- Removal of a total of 180 of the 300 specimen containers from Dry Storage at 327 Building and size reduction of Pin Tubes for packaging into shielded drums are complete.

- Formation of the 300 Area Accelerated Deactivation team to develop the plan for the 300 Area Accelerated Deactivation is complete, and the kick-off of the planning has been initiated.
- NFDI hosted the multi-site joint National Facility Deactivation Initiative and Decommissioning & Decontamination National Committee Meeting April 25 through 27, 2000.

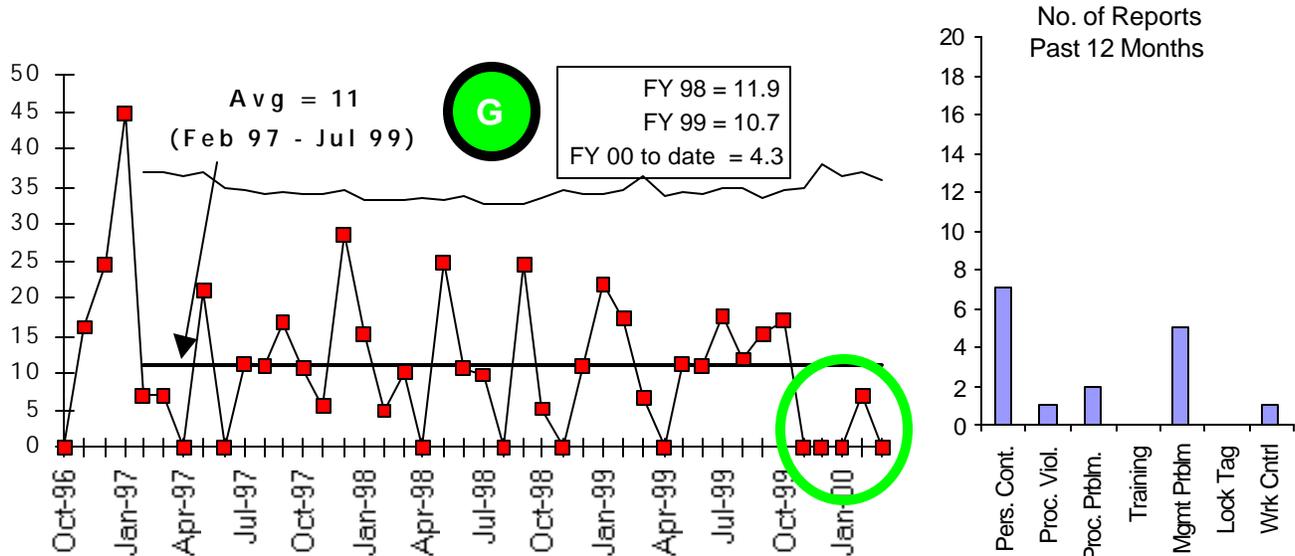
## **SAFETY**

Significant decreases in OSHA recordable case rate and in DOE Safety Cost Index have recently occurred. The project has exceeded 500,000 hours without an OSHA recordable. The project has an overall green rating - stable at excellent rates.



## CONDUCT OF OPERATIONS / ISMS STATUS

Events per 200,000 hours



### ISMS STATUS



- ISMS Internal Readiness Review (IRR) completed; closure plan in progress
- Senior Management Review Board presentations completed
- Phase I Verification beginning April 17 and running through April 28, 2000
- ISMS Phase II Verification targeted for June 2000

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### BREAKTHROUGHS



- **Savings Through Alternative Disposition Strategy** - Final disposition of Unirradiated Uranium fuel elements to low-level waste burial grounds vs. packaging and transportation to Portsmouth, Ohio for interim storage will save in excess of \$1M over the current Project Management Plan cost baseline. If funded and regulatory concurrence is received disposition of the Uranium fuel elements will occur in the last quarter of FY 2000.



- **340 Efficiencies** - Efficiency initiatives have been identified to fund critical deactivation activities, i.e., Vault Tank 1 & 2 removal of residual heels (~3,000 gallons). (Project held in abeyance due to higher priority work – funding redirected to support K Basin sludge work.)

## OPPORTUNITIES FOR IMPROVEMENT

- **324 Project Planning / Execution:** Despite recent success in schedule recovery, there is a need for continued emphasis on improved schedule management to ensure that critical path negative float is recovered to positive float. Current actions are directed at organization shift to projects and improving crane availability.
- **Consolidating Uranium Shipments** - Consolidating shipments of Uranium billets and Uranium Oxide powder will save approximately 40% (\$200K) off the planned transportation cost to Portsmouth, Ohio. If funding is identified to support this super stretch initiative, shipment of the material to Portsmouth will occur in the June/July 2000 time frame.

## UPCOMING ACTIVITIES

- **B Plant Transfer to ERC ¾** Complete closeout activities by June 30, 2000.
- **Integrated Environmental, Safety & Health Management System (ISMS) ¾** Complete verification of Phase I & II readiness activities by June 2000.
- **300 Area Accelerated Closure Project Plan ¾** Prepare and issue the 300 Area Accelerated Closure Project Plan, schedule and estimate July 3, 2000.
- **300 Area Waste Acid Treatment System (WATS) Resource Conservation and Recovery Act (RCRA) Closure Activities ¾** The final report due to RL has been delayed until September 2000 due to the review and comment cycle with Washington Department of Ecology (WDOE). A baseline change request has been submitted to delete the milestone, TRP-99-301, “*Submit Final Report on WATS Closure Activities to RL.*”
- **TPA Milestone M-89-02 ¾** Complete Removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment by November 2000.

## COST PERFORMANCE (\$M):

	BCWP	ACWP	VARIANCE
<b>River Corridor Project</b>	\$26.3	\$26.0	+ \$0.3

The \$0.3 million (1.0 percent) favorable cost variance is within the established threshold. Further information at the PBS level can be found in the following Cost Variance Analysis details.

### SCHEDULE PERFORMANCE (\$M):

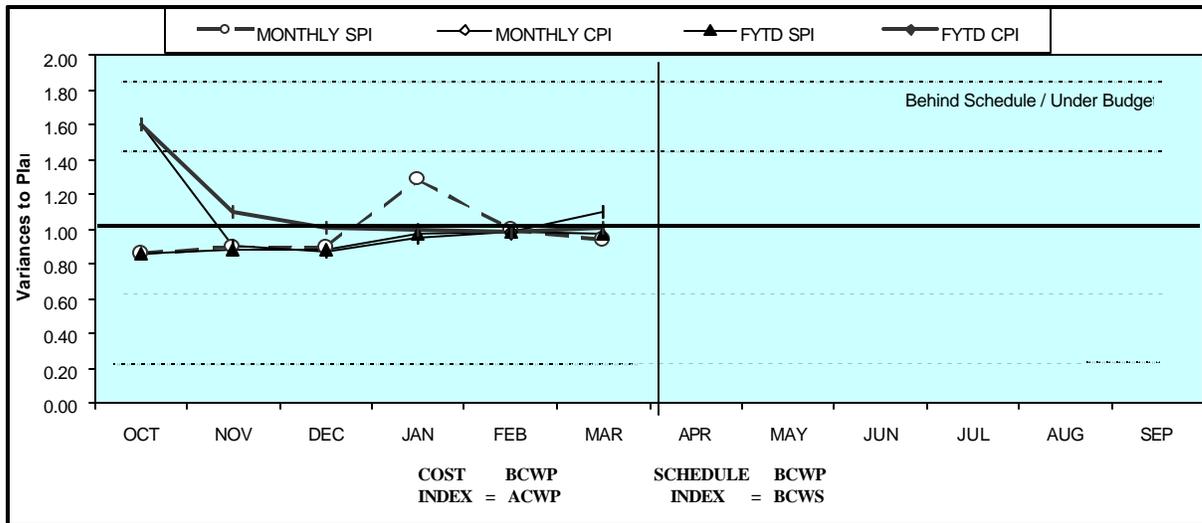
	<b>BCWP</b>	<b>BCWS</b>	<b>VARIANCE</b>
<b>River Corridor Project</b>	\$26.3	\$27.0	- \$0.7

The \$0.7 million (3.0 percent) unfavorable schedule variance is within the established threshold. Further information at the PBS level can be found in the following Schedule Variance Analysis details.

### FY 2000 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Bv PBS		FYTD							
		BCWS	BCWP	ACWP	SV	%	CV	%	PEM
PBS TP01 WBS 1.4.1	B-Plant	\$ -	\$ -	\$ 397	\$ -	0%	\$ (397)	0%	\$ -
PBS TP04 WBS 1.4.4	300 Area/ Special Nuclear Materials	\$ 1,295	\$ 1,285	\$ 1,286	\$ (10)	-1%	\$ (1)	0%	\$ 2,686
PBS TP12 WBS 1.4.6	Transition Program Management	\$ 9,201	\$ 9,250	\$ 7,405	\$ 48	1%	\$ 1,845	20%	\$ 19,408
PBS TP10 WBS 1.4.8	Accelerated Deactivation	\$ 1,149	\$ 1,150	\$ 1,064	\$ 1	0%	\$ 86	7%	\$ 2,430
PBS TP08 WBS 1.4.10	324/327 Facility Transition	\$ 15,017	\$ 14,321	\$ 15,591	\$ (696)	-5%	\$ (1,270)	-9%	\$ 34,683
PBS TP14 WBS 1.4.11	Hanford Surplus Facility Program (300Area Revitalization)	\$ 359	\$ 303	\$ 244	\$ (56)	-16%	\$ 59	19%	\$ 664
<b>Total</b>		\$ 27,021	\$ 26,309	\$ 25,988	\$ (711)	-3%	\$ 322	1%	\$ 59,871

## COST/SCHEDULE PERFORMANCE INDICES (MARCH 2000 AND FYTD)



EY 2000	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	0.86	0.90	0.89	1.29	1.00	0.94						
MONTHLY CPI	1.60	0.90	0.87	0.96	0.98	1.10						
FYTD SPI	0.86	0.88	0.89	0.98	0.98	0.97						
FYTD CPI	1.60	1.10	1.01	0.99	0.99	1.01						
MONTHLY BCWS	\$3,649	\$5,158	\$4,089	\$3,855	\$4,290	\$5,980	\$4,983	\$6,535	\$4,751	\$4,764	\$6,409	\$5,410
MONTHLY BCWP	\$3,131	\$4,646	\$3,654	\$4,973	\$4,270	\$5,635						
MONTHLY ACWP	\$1,954	\$5,141	\$4,195	\$5,206	\$4,357	\$5,135						
FYTD BCWS	\$3,649	\$8,807	\$12,896	\$16,751	\$21,041	\$27,021	\$32,004	\$38,539	\$43,289	\$48,053	\$54,462	\$59,871
FYTD BCWP	\$3,131	\$7,777	\$11,431	\$16,404	\$20,674	\$26,309						
FYTD ACWP	\$1,954	\$7,095	\$11,290	\$16,496	\$20,853	\$25,988						

### COST VARIANCE ANALYSIS: (+\$0.3M)

**WBS/PBS**                      **Title**

**1.4.1/TP01                      B Plant**

**Description and Cause:** The unfavorable cost variance is due to unplanned costs associated with the ventilation filter change outs and ductwork repairs.

**Impact:** Deprives other projects of funding for current year priorities including accelerated deactivation activities.

**Corrective Action:** Work scope is being performed via an approved Advanced Work Authorization (AWA) while BCR FSP-00-008, which incorporates the B Plant action items into the baseline, is dispositioned.

**1.4.6/TP12                      Transition Project Management**

**Description and Cause:** While the subproject is reporting a favorable cost variance of \$1,845K, the actual status is a favorable cost variance of \$36K. The favorable cost variance is primarily due to the PHMC re-structuring which has mapped personnel from the sub-project to other sub-projects (i.e. Nuclear Material Stabilization), resulting in underruns in labor and contractor support.

**Impact:** The current Fiscal Year Spend Forecast (FYSF) projects a \$1.2M unfavorable condition at fiscal year end for River Corridor. (Note: Funding has been identified.)

**Corrective Action:** Re-planning of this account is underway to reflect the new structure, including the transfer of funds to other PHMC sub-projects where former Facility Stabilization personnel have been mapped. A BCR FSP-2000-038 is in preparation to document the split of the sub-project. If incremental funding is not identified RCP project impacts will be incurred. (Note: Funding has been identified.)

#### **1.4.10/TP08                    324/327 Building Deactivation**

**Description and Cause:** The unfavorable cost variance is primarily due to performance of unfunded accelerated 327 Building deactivation work scope via AWA (super stretch performance incentive). This is partially offset by efficiencies that are being realized in both the performance of MinSafe activities and deactivation scope.

**Impact:** None. Spending against AWAs is being closely monitored.

**Corrective Action:** Costs of work being performed via AWA will be measured against baseline performance once the applicable baseline change requests are approved.

#### **1.4.8/TP10                    Accelerated Deactivation**

**Description and Cause:** The unfavorable cost variance is due to an incorrect accrual amount posted on the NFDI contract.

**Impact:** None.

**Corrective Action:** The incorrect accrual will be reversed and entered correctly in April.

#### **1.4.11/TP14                    HSFP 300 Area Revitalization**

**Description and Cause:** The favorable cost variance is primarily due to lower than planned costs in Min Safe surveillance and corrective maintenance activities.

**Impact:** None.

**Corrective Action:** Funds made available via underruns will be utilized toward achievement of accelerated deactivation activities.

All other PBS variances are within established thresholds.

### **SCHEDULE VARIANCE ANALYSIS: (-\$0.7M)**

**WBS/PBS                    Title**

#### **1.4.11/TP14                    HSFP 300 Area Revitalization**

**Description and Cause:** The unfavorable schedule variance is due to delays in performing the baseline estimate update activities. Changes in organization associated with the PHMC re-structuring have caused the delay as a result of personnel performing other planned work either within sub-project or other areas.

**Impact:** None.

**Corrective Action:** The estimate update may not be required due to the 300 Area Accelerated

Closure Plan Project planned via BCR FSP-2000-024, which was approved in March.

All other PBS variances are within established thresholds.

## ISSUES

### TECHNICAL ISSUES

**Issue:** Shipping of ten grout containers filled with 1A Rack to be completed by May 2000. One has curie levels above limits allowed for shipment.

**Impact:** New Safety Analysis Report for Packaging (SARP) will be required for single high-curie container. RL Milestone TRP-99-907 currently states all 1A Rack grout containers are to be shipped by May 2000.

**Corrective Action:** Informal negotiations have begun between RL and FH to substitute another container from the B Cell, but still ship ten grout containers. Baseline Change Request is being drafted; no funding or schedule change required.

**Issue:** The 324 Building Fire Hazards Analysis (FHA) revision supporting the 324 Building Safety Analysis Report (SAR) update resulted in revised combustible load limits.

**Impact:** There is a potential adverse cost impact to work progress at the 324 Building.

**Corrective Action:** An implementation plan that allows work to continue while maintaining revised combustible load limits or invoking compensatory measures has been submitted.

Evaluation of alternative fire suppression capabilities to allow an increase in combustible load limits continues. This will be the last report on this issue.

**Issue:** A crack was discovered on the new B Plant W-059 Duct Replacement.

**Impact:** Possible delay to completion of B Plant turnover Memorandum of Agreement.

**Corrective Action:** Vibration testing of the ducting has been completed. The problem was verified to have been caused by harmonics. The system will be run at full flow to avoid the problem after field repair/plate welding is complete. The Department of Health has extended the due date to June 30, 2000 for restart of the exhaust system. This will be the last report on this issue.

### DOE/REGULATOR/EXTERNAL ISSUES

**Issue:** Approval by the U.S. Department of Energy – Headquarters (DOE-HQ) of the Unirradiated Uranium (UU) billet Safety Analysis Report for Packaging (SARP) is required by May 31, 2000.

Performance Incentives encourage the accelerated disposition of this material; however, review and approval time frames do not support attempts to accelerate shipments.

**Impact:** Failure to gain approval on or before May 31, 2000 will jeopardize the combined shipment of UU billets and T-Hoppers, thus losing the opportunity to save approximately \$200,000 in FY 2000. Performance Incentive RC3-SS Uranium Disposition will be impacted by the inability to ship billets and T-Hoppers in FY 2000.

**Corrective Action:** A revision to the SARP, which limits the amount of criticality analysis, may expedite the review process. Timely DOE-HQ review and approval of billet Safety Analysis Report for Packaging (SARP) is critical for disposition.

**Issue:** Timely receipt of the U. S. Department of Energy - Richland (RL) review/comments on the Steel Waste Disposal Box (SWDB) Safety Analysis Report for Packaging (SARP) is critical to maintain the schedule for Tri-Party Agreement interim milestone M-89-02. The SARP was submitted to RL on February 4. In accordance with the *324/327 Buildings Stabilization/ Deactivation Project, Project Management Plan (PMP)* (HNF-IP-1289, Rev. 3), the completion date for this review was March 31.

**Impact:** A further delay will place the project at risk in both cost and the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) interim milestone M-89-02 schedule. Fabrication and receipt of the SWDBs now proceed ahead of SARP completion, and it is estimated that the first SWDB will be received from the manufacturer prior to SARP approval. If Fluor Hanford (FH) delays the fabrication and receipt of these SWDBs, they will not be received in time. If design-altering comments are received from RL at this point, rework of the received box(es) will be required, at a significant cost, and with the potential to impact or delay Tri-Party Agreement interim milestone M-89-02.

**Corrective Action:** The contractor will work closely with RL staff to support/facilitate the timely review of the SARP.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY00 COST IMPACT	SCH	TECH	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
FSP-00-002	11/2/99	Mark-42 Project Completion	\$0		X	04/05/00			In review cycle w/FH
FSP-00-008	12/3/99	B Plant Action Items	\$358		X				Under revision
FSP-00-009	12/9/99	242/B/BL Carryover Workscope	\$36		X	03/09/00	RWOA	N/A	BCR to be revised
FSP-00-022	1/31/00	327 Accelerated Deactivation	\$4,573	X	X	04/05/00	04/07/00		In review cycle w/RL
FSP-00-023	2/6/00	Suprt to 300 Area Accel. Cleanup and Redevelopment	\$290		X	04/03/00	04/05/00		In review cycle w/RL
FSP-00-026	2/29/00	Increase in TRU Grout Containers	?		X				On-Hold
FSP-00-031	3/22/00	Revisions to Milestones TRP-99-907 & TRP-99-909	\$0			04/05/00			In review cycle w/FH
FSP-00-033	3/23/00	Uranium Disposition Project	\$0			04/05/00	04/13/00		In review cycle w/FH
FSP-00-034	3/24/00	Delete Milestone TRP-99-301	\$0			04/05/00			In review cycle w/FH
<b>ADVANCE WORK AUTHORIZATIONS</b>									
AWA	10/1/99	327 Stabilization/Deactivation Project	\$1,500	X	X			02/07/00	BCR #FSP-00-022
AWA	2/24/00	Uranium Disposition Project	\$50	X	X			03/02/00	BCR #FSP-00-033

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## MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2000
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	1	0	0	0	0	0	0	1
DOE-HQ	0	0	0	0	0	0	0	0
RL	0	1	0	1	0	3	0	5
<b>Total Project</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>6</b>

<b>Tri-Party Agreement / EA Milestones</b>
<p><b>M-92-13 (TRP-00-902), “Submit 300 Area SCW Project Management Plan,” due 9/29/00</b></p> <ul style="list-style-type: none"> <li>Completed 6 months early (3/28/00).</li> </ul>
<p><b>M-92-14 (TRP-02-901), “Complete Removal of Phase I 300 Area Special Case Waste,”</b></p> <ul style="list-style-type: none"> <li>Completed 30 months early, pending acceptance of the plan by Ecology (03/28/00).</li> </ul>
<p><b>M-89-02 (TRP-99-901), “Complete Removal of 324 Building Radiochemical Engineering Cells (REC) B Cell Mixed Waste (MW) and Equipment,” due 11/30/00</b></p> <ul style="list-style-type: none"> <li>The slip caused by A Cell crane failure has been recovered. The schedule was recovered by expediting A Cell crane repair procurement activities, putting the A Cell Crane back into limited service, and accelerating the in-cell shuttle box segregation from July.</li> </ul>
<b>DNFSB Commitments</b>
Nothing to report.

## MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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### OVERDUE – 1

<b>TRP-99-301</b>	<b>RL</b>	Submit Final Report on WATS Closure Activities to DOE-RL	03/31/00	09/29/00
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**Cause:** This report must include information obtained after the WDOE approves the Hanford Site RCRA permit which also includes the WATS permit. WDOE approval is not expected until late spring, consequently delaying the final report submittal until September 2000.

**Impact:** No impact. Does not delay any fieldwork.

**Corrective Action:** A change request has been prepared to delete this milestone.

### FORECAST LATE – 0

### FY 1999 OVERDUE – 1

<b>TRP-99-800</b>	<b>RL</b>	End Point Improvement Method	06/25/99	To Be
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**1.4.8 Deleted**

**Cause:** Resources necessary to complete this milestone were diverted to other priority work. This milestone represents an enhancement in Facility Stabilization Project’s ability to plan deactivation work, but it is not essential.

**Impact:** No impact. This work scope is independent of PMBS critical path and does not impact any schedule.

**Corrective Action:** Deletion of this milestone is included in the BCR which re-baselines TP-10 and is currently in development.

## PERFORMANCE OBJECTIVES

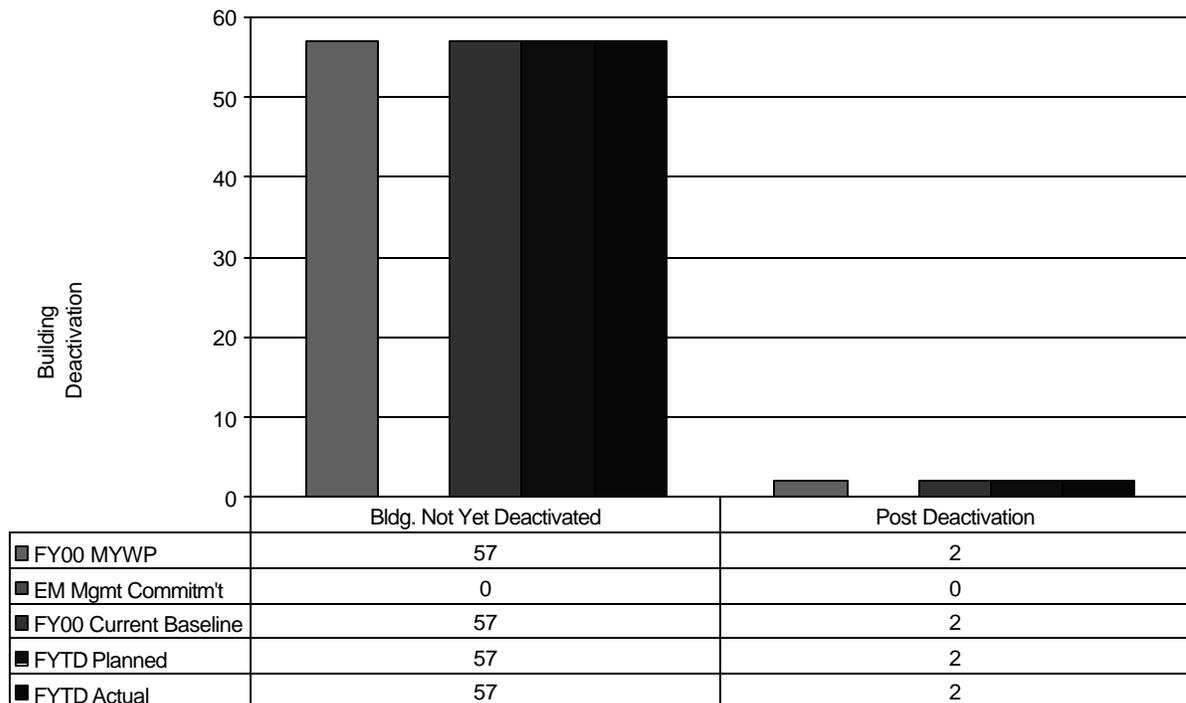
Outcome	Performance Indicator	Status
Restore the River Corridor for Multiple Uses	FDH-RC-2 Accelerate 324/327 Deactivation	On track – no issues. BCR approved by RL.
	RDH-RC-2SS Continue Acceleration of 324/327 Deactivation – Complete 327 Facility accelerated deactivation activities by September 2000.	Good progress is being made in cleanout and packaging of selected legacy waste material. While excellent progress is being made on selected waste/material, not all targeted workscope in the super-stretch initiative will be completed this year. Required funding has been identified (04/06/00) to support substantive progress toward this initiative.
	Disposition Uranium Complete disposition of ~1865 Metric Tons (MT) of Hanford Uranium by September 2000.	Incorporated public response to the Environmental Assessment (EA). Position paper on disposal of fuel elements in Low-Level Burial Ground (LLBG) submitted to DOE-RL. Continuing with Phase I activities to prepare uranium billets, UO <sub>3</sub> T-hoppers for shipment. Additional funds are required by May 2000 to initiate Phases II and III to complete this work activity by yearend. Advance Work Authorization to exchange work between Tasks 1 and 2 approved by DOE-RL. Baseline change request approved April 13, 2000.
Multiple	Comprehensive performance	All baseline work projected to be complete per PI requirements.

## KEY INTEGRATION ACTIVITIES

- Complete National Facility Deactivation Initiative (NFDI) DOE-complex implementation plan.
- The RCP 324 Building B Cell project, along with Spent Nuclear Fuel (SNF) developed an alternative plan for the fuel removal activity. Agreement to use a longer inner canister for the fuel permits greater end shielding and allows manual welding and testing in the Cask Handling Area (CHA) rather than the more expensive, remote effort in B Cell. SNF and DOE-RL are reviewing the options study to determine cost savings against the 200 Area Interim Storage life cycle costs. Following the review, a memorandum of agreement will be issued documenting the interface between SNF and RCP.

- The DOE-HQ funded study of HLV Tank 105, located in the 324 Building is being conducted by AEA Technologies to identify and demonstrate the most effective technologies for deactivation of high dose radioactive tanks. The project technical plan, and implementation plan is completed while the draft of the alternatives assessment is in process.
- An integrated project team comprised of Fluor Hanford, Inc., Bechtel Hanford, Inc., and Pacific Northwest National Laboratory has been assembled to prepare a 300 Area Accelerated Closure Plan.

### BUILDING DEACTIVATION



**Buildings Not Yet Deactivated:** Current approved budget does not fund building deactivation in the 300 area. Therefore, plans for deactivation have been deferred to FY 2002.

**Post Deactivation:** These are two storage buildings to be turned over to BHI when the 324/327 Transition Project is completed in FY 2007.