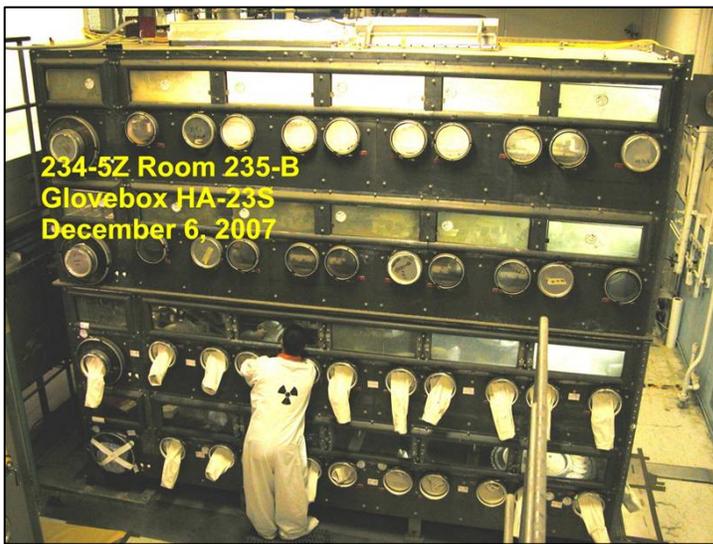


Nuclear Material Stabilization and Disposition (RL-0011)

D. B. Klos, Vice President of Plutonium
Finishing Plant Closure Project/
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*Continued internal cleanout
of gloveboxes*

*Application Of Polyurea To
Stabilize Duct In Building 291-Z*



Overview

This section addresses work in Project Baseline Summary RL-0011, *Nuclear Material Stabilization and Disposition*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2007.

Notable Accomplishments

Disposition the Plutonium Finishing Plant (PFP) Facility

- Continued annual maintenance, leak test, and packaging of 9975 containers.
- Completed welding of trefoil emblems onto 9975 containers.
- The Statement of Work (SOW) for the fabrication of the Hanford Unirradiated Fuel Packages (HUFPS) has been approved.
- Continued progress on internal equipment clean-out of 234-5Z glovebox HA-23S.
- Completed demobilization of the process equipment removal activities in the inactive portions of the Remote Mechanical A and C (RMA/RMC) lines.
- Completed stabilization activities on 291-Z duct.
 - Polyurea was applied to stabilize the abandoned duct in Building 291-Z.
- Completed Fire System Backlog Preventative Maintenance Items.
- 318 filter room changes are 75 percent complete.

FY 2008 Funds vs. Spend Forecast (\$M)

	Projected FY 2008 Funding	FY 2008 Fiscal Year Spending Forecast	Variance
Nuclear Materials Stabilization and Disposition	\$ 102.7	\$ 110.6	\$ -7.9

Schedule/Cost Performance (\$M)

Nuclear Materials Stabilization & Disposition	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 (FY08/CTD)
Current Period (Month)	\$7.3	\$8.3	\$8.6	\$1.0	14.4%	-\$0.2	-3.0%	\$103.3
Cumulative to Date (FY 2004 - Present)	\$597.2	\$598.6	\$560.8	\$1.4	0.2%	\$37.8	6.3%	\$687.3

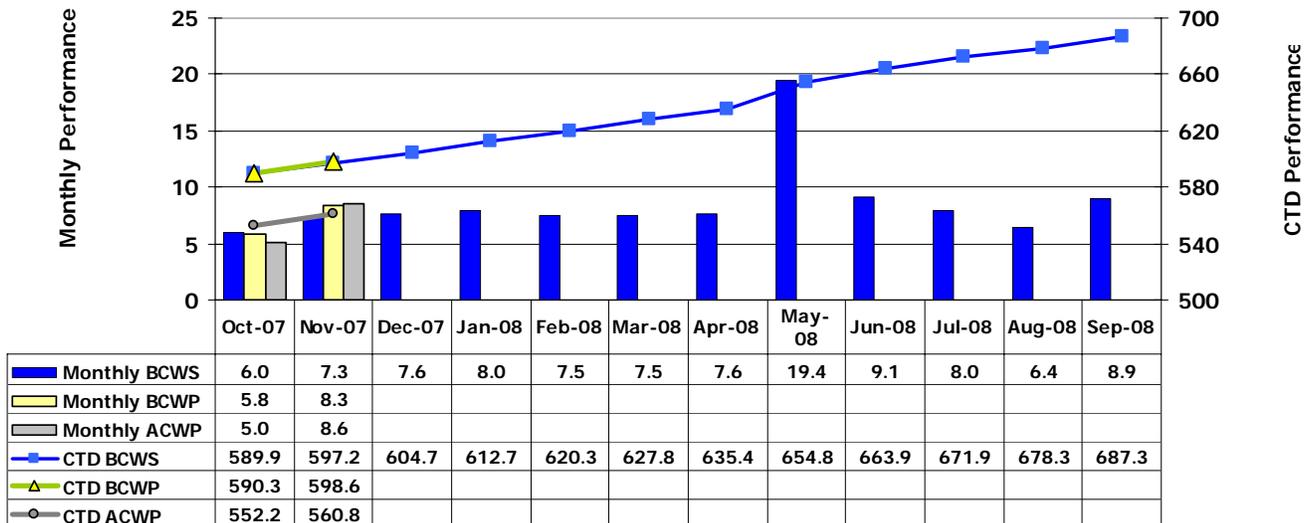
Schedule/Cost Performance, continued

CTD Schedule Performance: (+\$1.4M/+0.2%): The positive schedule variance is due to accelerated progress on planning and glovebox cleanout in the 234-5Z facility, and associated apportioned support activities.

CTD Cost Performance: (+\$37.8M/+6.3%): The positive cost variance is due to:

- Work efficiencies in 234-5Z glovebox clean-out and apportioned support activities.
- Favorable solid waste disposition cost.
- Completion of roof repair, MICON recabling, and special nuclear material (SNM) stabilization activities under cost.
- Efficiencies in miscellaneous materials disposition.
- Reduced resource requirements for Special Nuclear Materials (SNM) de-inventory and disposition planning.
- Reduced overhead costs/allocations.

Performance Analysis CTD and Monthly (\$M)



Milestone Achievement

Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The FY 2008 Enforceable Agreement milestone and Performance Incentives (PIs) information provided herein is based upon the current baseline including RL-approved changes. Changes from month-to-month in both the total number of milestones to be completed and in the forecast status of upcoming milestones are the result of BCRs approved during the reporting period.

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-08-004	Removal Action Work Plan for the 216-Z-9 Crib Complex Submitted to DOE	PI	9/30/08		2/28/08	Ahead of Schedule
TRP-08-005	Implement the Necessary Lay-up Activities to Place PFP in a Safe Configuration Until D&D Resumes	PI	9/30/08		12/6/07	Ahead of Schedule
TRP-08-006	Internal cleanout of up to 9 additional contaminated gloveboxes and glovebox HA-23	PI	9/30/08		6/17/08	Ahead of Schedule
TRP-08-025	Complete 216-Z-9 Facility Condition Analysis by 30 September 2008	PI	9/30/08		12/12/07	Ahead of Schedule
TRP-08-027	Complete internal cleanout of one 234-5Z glovebox/conveyer	PI	9/30/08	11/13/07		Complete
TRP-11-502	Complete Closure of the PFP 241-Z TSD Unit	PI	9/30/11	2/22/07		Complete
TRP-11-503	Complete Transition and Dismantlement of 241-Z Waste Treatment Facility	PI	9/30/11	6/8/07		Complete