

Nuclear Material Stabilization and Disposition (RL-0011)

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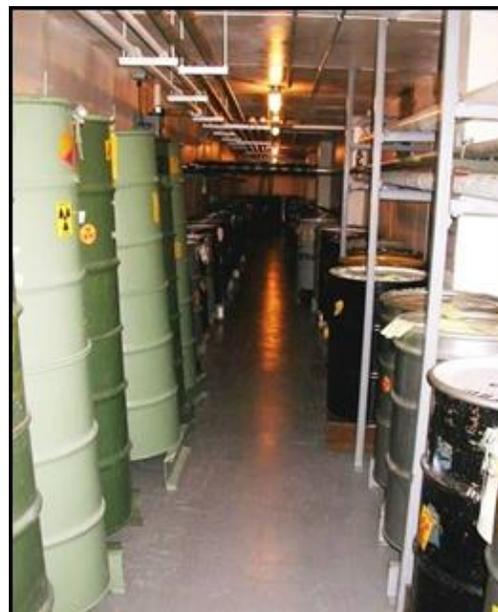
Completed 232-Z Demolition



Completed Glovebox Clean-Out



Completed Cell/Tank Clean-out



Completed Disposition of Solutions

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 September 2006.

Top FY 2006 Accomplishments

Disposition the Plutonium Finishing Plant (PFP) Facility

- Completed demolition of 232-Z facility two months ahead of Tri-Party Agreement (TPA) milestone
- Completed Resource Conservation and Recovery Act of 1976 (RCRA) closure of four cells and Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) closure of three cells in 241-Z high level waste storage tank facility
- Completed disposition of 794 VIPAC fuel pins
- Completed clean-out of 19 234-5Z glove boxes to low-level waste criteria
- Completed disposition of an additional 414 solution containers for a total of 644

Notable September Accomplishments

Disposition the Plutonium Finishing Plant (PFP) Facility

- Completed disposition of 243 solution containers bringing the total to 644
- Completed clean-out of six hoods/gloveboxes (for a total of 63) to low level waste criteria
- Completed disposition of miscellaneous nuclear materials
- Completed 241-Z Cell D4 RCRA/CERCLA end points
- Completed 241-Z D7 RCRA closure activities
- Completed 234-5Z roof repair
- Completed venting 26" process vacuum header in 234-5Z

FY 2006 Funds vs. Actuals (\$M)

	Anticipated FY 2006 Funding (with Carryover)	FY 2006 Actuals	Variance
Nuclear Materials Stabilization & Disposition	\$ 161.5	\$ 139.7	\$ 21.8

FY 2006 Schedule/Cost Performance (\$M)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Nuclear Materials Stabilization & Disposition	\$135.0	\$144.2	\$139.7	\$9.2	6.8%	\$4.4	3.1%	\$135.0

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

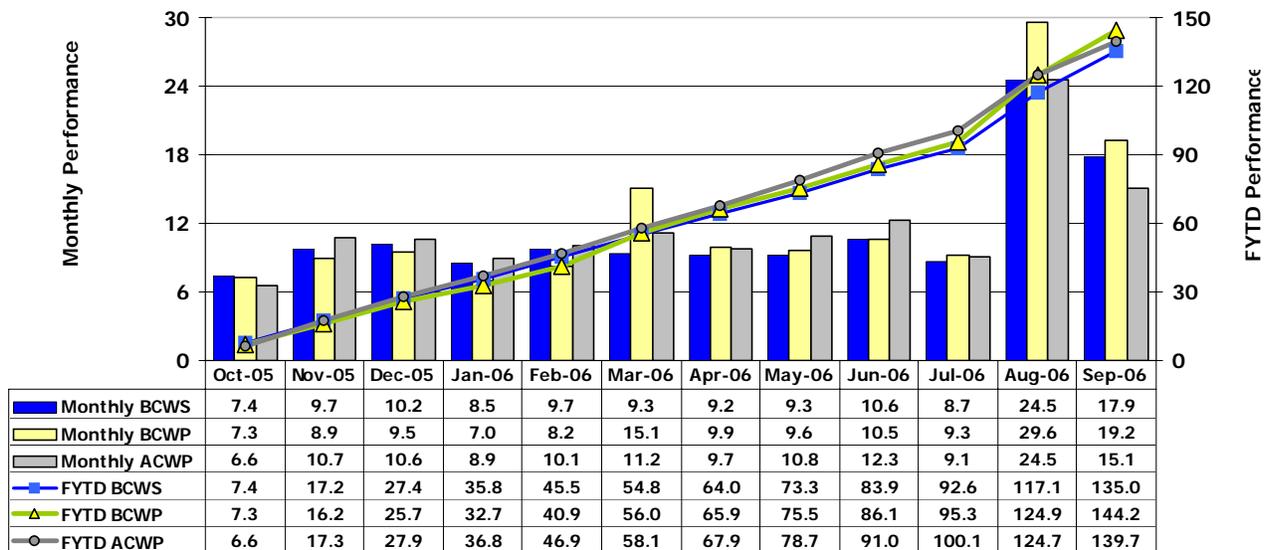
Schedule Performance: (+9.2M/+6.8%): Primary contributors to the favorable schedule performance include:

- Recovery of FY 2005 carryover scope for fuel moves in support of Material Access Area elimination
- Recovery of prior year work scope with completion of 232-Z, 234-5Z glovebox cleanout, and lay-up pie-plating

Cost Performance: (+\$4.4M/+3.1%): Primary contributors to the favorable cost variance include:

- Efficiencies in completing deactivation and decommissioning activities
- Year end positive variance distribution which resulted from an over liquidation of indirect costs, partially offset by severance costs

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-05-501 TRP-05-506	Discontinue Waste Discharges from the 241-Z Tanks to Tank Farms	TPA PI	6/30/2005	12/8/2004		Complete
TRP-05-504	Complete Pu Legacy Holdup Removal	PI	9/30/2005	6/30/2005		Complete
TRP-05-505	Transition 10 Facilities to Slab-on-Grade	PI	9/30/2005	5/22/2005		Complete
TRP-06-500	Decontaminate Glovebox HA-20MB	PI	3/31/2006	10/28/2004		Complete
TRP-06-501	Complete Pu Legacy Holdup Removal	TPA	9/30/2006	6/30/2005		Complete
TRP-06-507 TRP-06-502	Transition 232-Z Bldg Incinerator to Slab-on-Grade	TPA	9/30/2006	7/27/2006		Complete
TRP-06-509	Disposition Miscellaneous PFP Nuclear Materials	PI	9/30/2006	9/26/2006		Complete
TRP-06-515	Complete 242-Z Initial Entry & Characterization	PI	9/30/2006	10/5/2005		Complete
TRP-06-519	Complete Conceptual Design for Compliant Storage Facility	PI	9/30/2006	1/26/2006		Complete
TRP-06-521	Submit SEP Project NEPA Documentation	PI	9/30/2006	2/8/2006		Complete
TRP-06-527	Complete Demolition of Five DBT-Related Ancillary Facilities	PI	9/30/2006	8/23/2006		Complete
TRP-06-531	Disposition of 794 VIPAC Pins	PI	9/30/2006	7/18/2006		Complete
TRP-06-532	Complete 234-5Z and PRF Facility Layout Activities	PI	9/30/2006	9/29/2006		Complete
TRP-06-534	PFP Sub-Grade EE/CA	PI	9/30/2006	9/1/2006		Complete
TRP-06-536	MICON Recabling	PI	9/30/2006	9/28/2006		Complete
TRP-06-537	234-5Z Roof Repair	PI	3/31/2007	9/28/2006		Complete