

# **Nuclear Material Stabilization and Disposition (RL-0011)**

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Finishing Plant Closure Project/  
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*Plasma arc cutting of the 241-Z D-6*



*Completed internal cleanout  
of glovebox 179-4*



*241-Z D-6 sump cleaning*

## 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 January 2007.

## Notable Accomplishments

### Disposition the Plutonium Finishing Plant (PFP) Facility

- Completed internal cleanout of gloveboxes HC-21-C and 179-4 in 234-5Z facility
  - Gloveboxes accepted by DOE
- Completed lay-up Performance Incentive work for the 26" vacuum line sampling and material removal from demister #1
- Completed load out of all 241-Z process pipe waste
- Completed plasma arc cutting of the 241-Z D-6 tank and initiated 241-Z D-6 tank cleaning
- Completed PFP's portion of the Air Operating Permit Semi-annual Report and certification package

## FY 2007 Funds vs. Spend Forecast (\$M)

	Projected FY 2007 Funding	FY 2007 Fiscal Year Spend Forecast	Variance
Nuclear Materials Stabilization & Disposition	\$ 98.2	\$ 98.2	\$ 0.0

## FY 2007 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	\$27.2	\$33.3	\$28.5	\$6.1	22.5%	\$4.8	14.4%	\$91.8

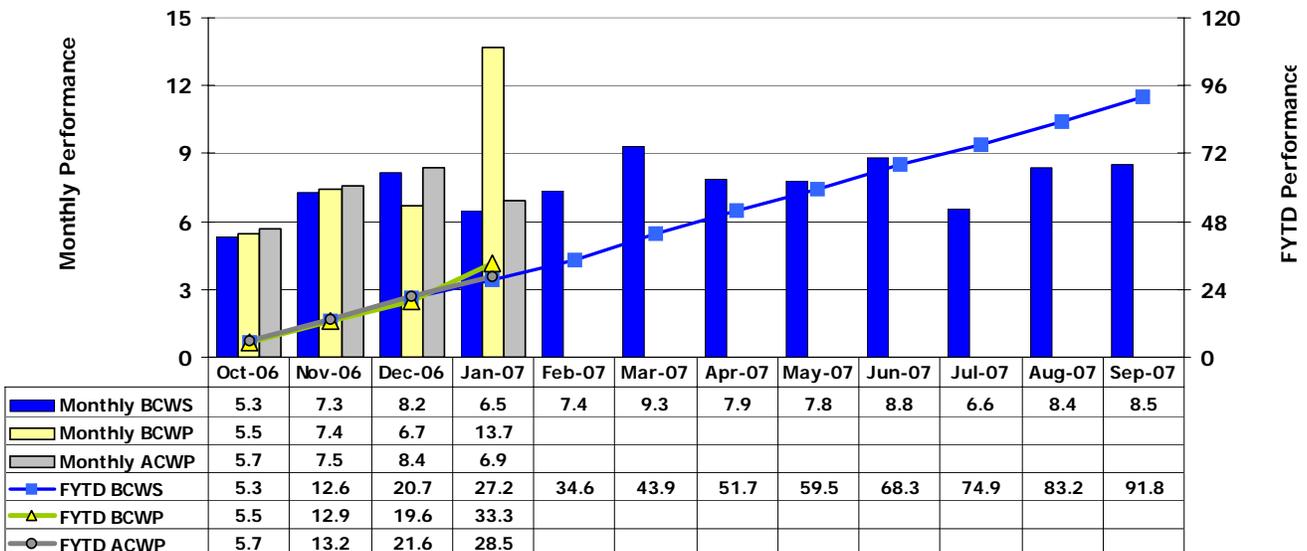
Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

## FY 2007 Schedule/Cost Performance (\$M), continued

**Schedule Performance: (\$6.1M/22.5%):** Positive schedule variance is due to efficiencies in glovebox cleanout in 234-5Z, and the accelerated completion of 2736Z/ZB transmitters and controllers.

**Cost Performance: (\$4.8M/14.4%):** The positive cost variance is due primarily to work efficiencies in 234-5Z glovebox cleanout, and transmitters and controllers in 2736Z/ZB.

### Performance Analysis FYTD and Monthly (\$M)



## Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-06-533	RCRA Closure Activities Completed For Each 241Z Cell With RCRA Permitted Tanks	PI	10/30/06	10/26/06		Complete
TRP-06-537	234-5Z Roof Repair Completed	PI	3/31/07	9/28/06		Complete
TRP-07-501	Complete Internal Cleanout of Eight Gloveboxes by September 30, 2007	PI	9/30/07		9/30/07	On Schedule
TRP-07-502	Operator Certification and Professional Engineer Certification on the RCRA 241-Z Closure Submitted to DOE	PI	3/30/07		12/8/06	Ahead of Schedule
TRP-07-503	241-Z Transitioned to Demolition Ready Condition	PI	6/30/07		3/5/07	Ahead of Schedule
TRP-07-504	241-Z Demolished to Slab-On-Grade	PI	9/30/07		6/30/07	Ahead of Schedule
TRP-08-004	Removal Action Work Plan for the 216-Z-9 Crib Complex Submitted to DOE	PI	9/30/08		9/30/08	On 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		9/30/08	On Schedule
TRP-08-025	Complete 216-Z-9 Facility Condition Analysis by 30 September 2008	PI	9/30/08		11/30/07	Ahead of Schedule
TRP-11-502	Complete Closure of the PFP 241-Z TSD Unit	PI	9/30/11		2/8/07	Ahead of Schedule
TRP-11-503	Complete Transition and Dismantlement of 241-Z Waste Treatment Facility	PI	9/30/11		6/30/07	Ahead of Schedule