

# Fast Flux Test Facility (FFTF) Project (RL-0042)

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*First Sodium Bonded Fuel Shipment to Idaho National Laboratory (INL)*

## Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

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

## Top FY 2007 Accomplishments

- Completed sodium bonded fuel pins transfer from the Plutonium Finishing Plant (PFP) to FFTF.
- Transferred mixed oxide pins (ACO-3 & FO-2) to Idaho National Laboratory (INL).
- Completed Tri-Party Agreement (TPA) Milestone M-92-10, *Submit Sodium Disposition Evaluation Report*.
- Initiated Disposable Solid Waste Cask (DSWC) operations.
- Initiated Sodium Bonded Fuel shipments to INL.

## Notable September Accomplishments

- **Fuel Offload - Fuel Disposition T-3 Cask**
  - First shipment of Sodium Bonded Fuel shipped to INL.
- **Disposable Solid Waste Cask (DSWC) Operations**
  - The second DSWC moved to the temporary storage pad.

## FY 2007 Funds vs. Actuals (\$M)

	September 2007 Actual Funding	FY 2007 Actual Costs	Delta
FFTF Project	\$ 41.1	\$ 28.0	\$ 13.1

\* Note: \$10.2M of FY 2007 funding is designated for FY 2008 use.

## Schedule/Cost Performance (\$M)

FFTF Project	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 (FY07/CTD)
Current Period (Month)	\$2.2	\$2.4	\$2.8	\$0.2	9.5%	-\$0.4	-16.9%	\$28.5
Cumulative-to-Date (FY 2004-Present)	\$149.0	\$145.9	\$143.8	-\$3.1	-2.1%	\$2.1	1.4%	\$168.8

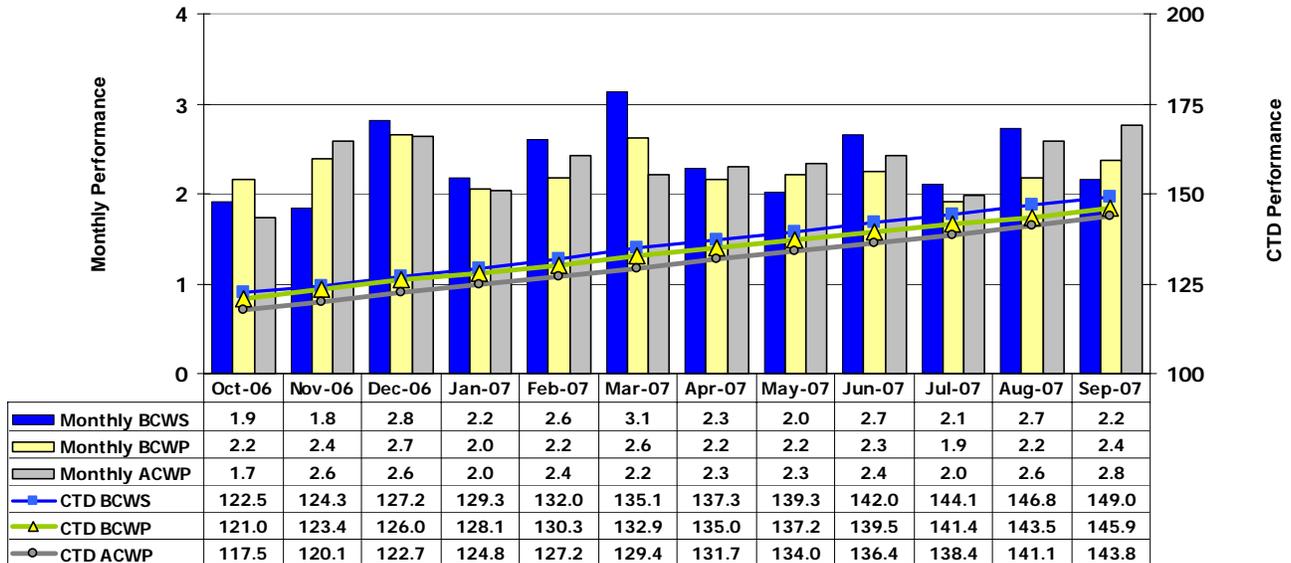
Numbers are rounded to the nearest \$0.1M.

**CTD Schedule Performance (-\$3.1M/-2.1%):** Cumulative-to-Date negative schedule performance is primarily due to the problems encountered with preparations for the T-3 cask fuel shipments, and the resulting effect on the progress of FFTF Shutdown and Systems Deactivation and Disposition work scope.

**CTD Cost Performance (+\$2.1M/+1.4%):** The positive cost variance is primarily due to the efficiencies in both Surveillance and Maintenance and the G&A at the company level.

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

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



## Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
M-081-10-T01	Submit Final Sodium Disposition Evaluation Report	Target	07/31/07	05/15/07		Complete
M-92-10	Submit Hanford Site Sodium Disposition Evaluation Report	TPA	07/31/07	05/15/07		Complete