

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

**S. V. Doeblner, Senior Director of
FFTF Closure/(509) 376-0604**



Technician training for the remote disassembly of spent fuel assembly ACN-1

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 January 2006.

Notable Accomplishments

Fuel Offload/IEM Cell Operations: Loaded the second of three Interim Storage Casks (ISCs) and placed in the 400 Area Interim Storage Area (ISA).

Completed the equipment fabrication, testing and technician training for the remote disassembly of the multi-duct, mixed (U-Pu) carbide, sodium bonded, spent fuel assembly ACN-1, which contain failed fuel pins.

FY 2006 Funds vs. Spend Forecast (\$M)

| | Projected FY 2006 Funding | FY 2006 Fiscal Year Spend Forecast | Variance |
|--------------|------------------------------|---------------------------------------|----------|
| FFTF Project | \$ 47.1 | \$ 42.9 | \$ 4.2 |

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 |
|--------------|--|--|-------------------------------------|-------------------------|------------------------|---------------------|--------------------|-------------------------|
| FFTF Project | \$10.6 | \$13.0 | \$11.4 | \$2.4 | 23.0% | \$1.6 | 12.4% | \$42.0 |

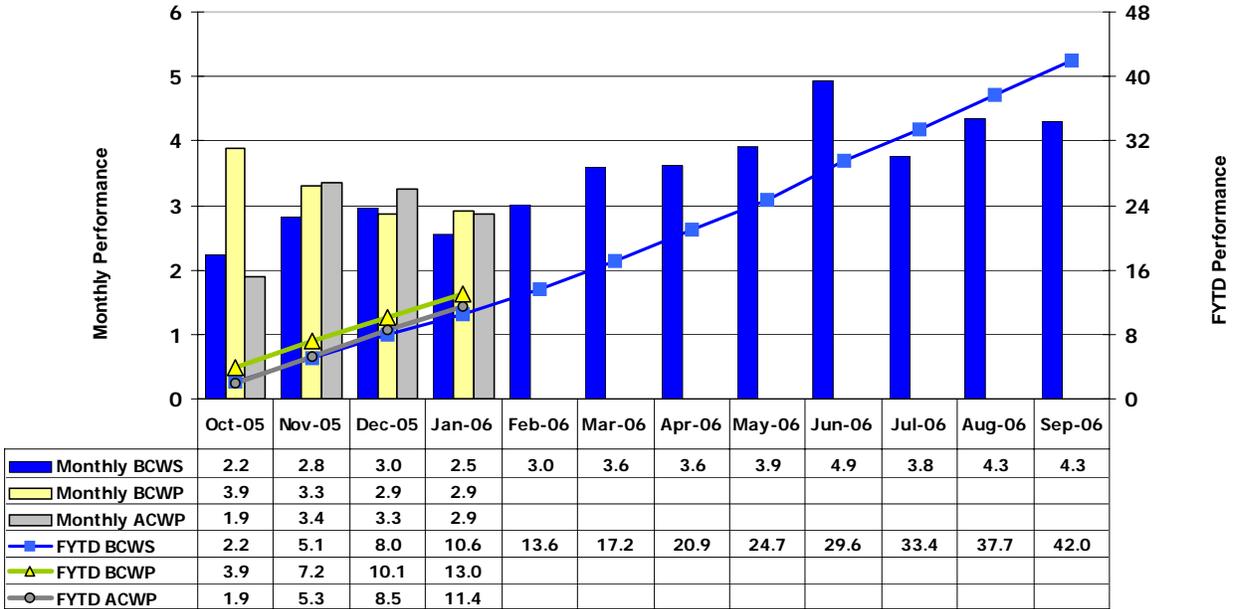
Numbers are rounded to the nearest \$0.1M.

Schedule Performance (+\$2.4M/+23.0%): The FYTD schedule performance primarily due to the progress on fuel offload activities, offset by delays in Fuel Storage Facility (FSF) NaK cleaning.

Cost Performance (+\$1.6M/+12.4%): The FYTD cost performance primarily due to progress on fuel offload and the cost effective solution for the Interim Decay Storage heat source.

FY 2006 Schedule/Cost Performance (\$M), continued

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

| Number | Milestone Title | Type | Due Date | Actual Date | Forecast Date | Status/Comments |
|------------|---|------|------------|-------------|---------------|-----------------|
| RL 42A-1a1 | Process fuel assemblies PO-4, SRF-3, & SRF-4, which require disassembly | PI | 11/30/2005 | 11/9/2005 | | Complete |
| RL 42A-1a3 | Complete loading of six additional Interim Storage Casks and place in the 400 Area Interim Storage Area | PI | 11/30/2005 | 9/27/2005 | | Complete |
| RL 42A-1a2 | Process fuel assembly ACN-1, which requires disassembly | PI | 3/31/2006 | | 3/31/2006 | On schedule |
| RL 42A-1a4 | Complete loading of three additional Interim Storage Casks and place in the 400 Area Interim Storage Area | PI | 3/31/2006 | | 3/31/2006 | On schedule |