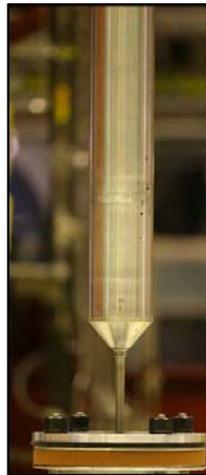


Fast Flux Test Facility (FFTF) Project (RL-0042)

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



*The sodium drain pump
moves from the Maintenance
and Storage Facility (MASF) to FFTF
containment and is inserted into the
reactor vessel.*



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 May 2005.

Notable Accomplishments

Fuel Offload: PO4 duct cutting was completed this month and the duct was removed. All pin pulling equipment was installed, and pin removal and weighing operations will begin in June.

Primary Sodium Drain: A hole was machined through the reactor core support structure, and the Reactor Vessel Drain Pump was installed into the reactor vessel. Required sodium and gas lines were installed to connect this "fluidic" pump to the associated control skid and to the existing sodium drain piping. Installation of trace heat and insulation on the new piping is currently in progress. Final draining of the reactor vessel is scheduled to begin in early June, and is expected to take approximately two weeks.

Fuel Storage Facility (FSF) Sodium Drain: Two Closed Loop System tanks, which will be used to construct a sodium transfer system for draining the Fuel Storage Facility vessel, were moved from the warehouse into the FSF building. One tank will be used as the sodium transfer tank and the other as a vacuum tank. Required modifications to the tank nozzles were completed. Design of the dip tube to be inserted into the vessel was completed and shop fabrication work began.

FY 2005 Funds vs. Spend Forecast (\$M)

	Projected FY 2005 Funding	FY 2005 Fiscal Year Spend Forecast	Variance
FFTF Project	\$ 44.9	\$ 43.0	\$ 1.9

FY 2005 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	\$30.0	\$27.4	\$26.3	-\$2.6	-8.8%	\$1.0	3.8%	\$44.2

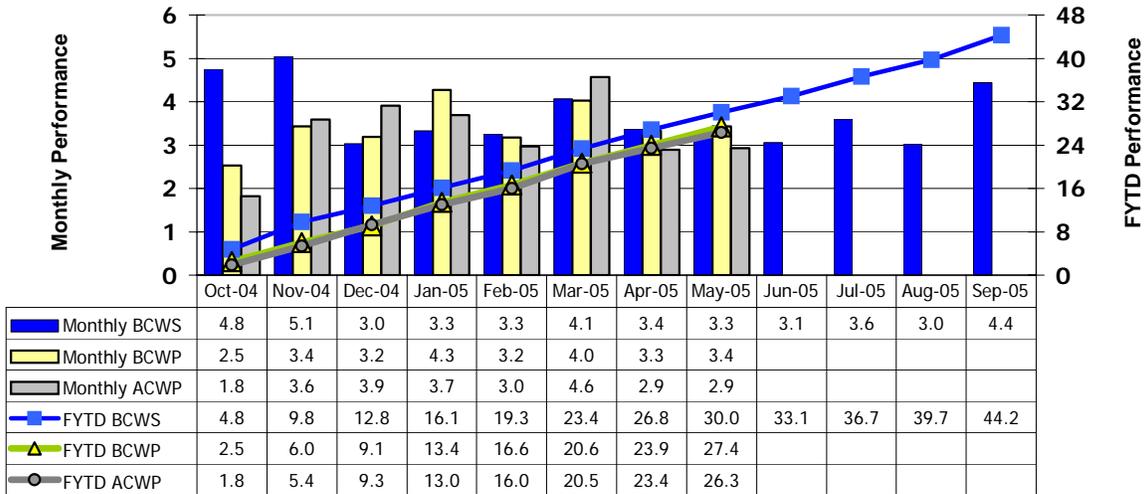
Numbers are rounded to the nearest \$0.1M.

Schedule Performance (-\$2.6M/-8.8%): The schedule variance is primarily due to the Interim Storage Cask (ISC) procurement being budgeted in October and November to clearly identify the timing of needed funds; the fabrication will actually occur from December until the end of the fiscal year.

Cost Performance (+\$1.0M/+3.8%): The cost variance is due to staffing underruns and efficiencies.

FY 2005 Schedule/Cost Performance, continued

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a3	Complete loading and transferring ten additional Interim Storage Casks	PI	3/31/05	See Note	3/31/05	See note
M-81-13 (BM-81-13)	Complete reactor & HTS sodium drain	TPA	6/30/05		6/30/05	On schedule
M-81-11 (BM-81-11)	Submit FFTF end point criteria document	TPA	8/31/05		8/31/05	On schedule
M-92-10 (B43-05-001)	Submit Na disposition evaluation report	TPA	9/30/05			Change submitted for due date to align with EIS development.

NOTE: The ninth ISC was loaded and shipped on January 21, 2005. The tenth ISC was damaged during manufacturing; that ISC will be replaced by the vendor in late summer 2005.