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

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Core component pots are removed from interim decay storage and placed in temporary storage boxes.

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 June 2006.

Notable Accomplishments

Interim Decay Storage (IDS) Sodium Drain: Preparations for draining the last of the FFTF bulk sodium, contained in the IDS vessel and associated auxiliary systems, continue. Near-term focus continues on the removal of 108 Core Component Pots (CCPs) from the vessel. Original planning was to plunge, remove, and sever the bottom section of the CCPs (each containing approximately 3.7 gallons of sodium) prior to storage. However, upon removal of the first few CCPs it was found that the level of radiological contamination and resulting dose rate were considerably higher than anticipated. It was therefore decided to eliminate the severing step and store the CCPs intact. At the end of June, 15 of the 108 CCPs had been placed into temporary storage boxes.

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FY 2006 Funds vs. Spend Forecast ($M)

	Projected FY 2006 Funding	FY 2006 Fiscal Year Spend Forecast	Variance
FFTF Project	$ 47.0	$ 36.9	$ 10.1

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	$29.6	$26.6	$26.7	-$3.1	-10.3%	-$0.1	-0.3%	$42.0

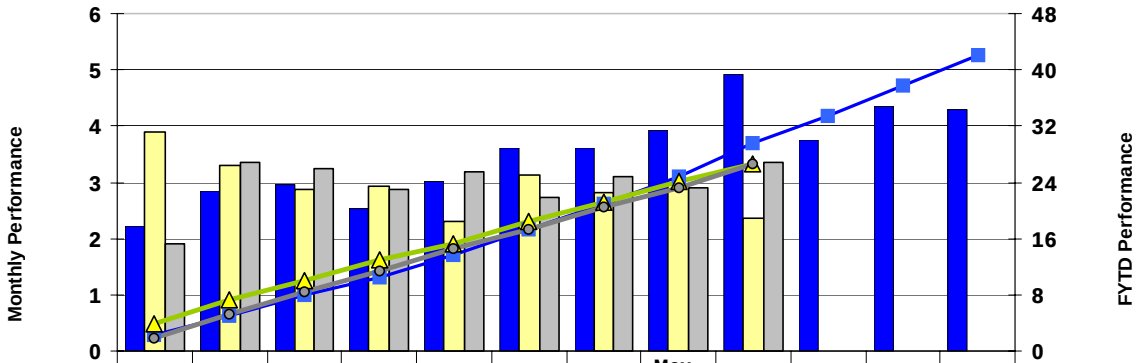
Numbers are rounded to the nearest $0.1M.

Schedule Performance (-$3.1M/-10.3%): Fiscal year to date schedule performance is primarily due to the progress on fuel offload activities, offset by deferred scope associated with long components, the Interim Examination and Maintenance Cell shut down and work scope involving Sodium Residuals.

Cost Performance (-$0.1M/-0.3%): Fiscal year to date cost performance is primarily due to progress on fuel offload, offset by deferred scope associated with long components, the Interim Examination and Maintenance Cell shut down and work scope involving Sodium Residuals.

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

Performance Analysis
FYTD and Monthly ($M)



	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06
Monthly BCWS	2.2	2.8	3.0	2.5	3.0	3.6	3.6	3.9	4.9	3.8	4.3	4.3
Monthly BCWP	3.9	3.3	2.9	2.9	2.3	3.1	2.8	3.0	2.4			
Monthly ACWP	1.9	3.4	3.3	2.9	3.2	2.7	3.1	2.9	3.4			
FYTD BCWS	2.2	5.1	8.0	10.6	13.6	17.2	20.9	24.7	29.6	33.4	37.7	42.0
FYTD BCWP	3.9	7.2	10.1	13.0	15.3	18.4	21.2	24.2	26.6			
FYTD ACWP	1.9	5.3	8.5	11.4	14.6	17.3	20.4	23.3	26.7			

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	3/31/2005	8/9/2005		Complete
M-81-13 (BM-81-13)	Complete reactor & HTS sodium drain	TPA	6/30/2005	6/21/2005		Complete
M-81-11 (BM-81-11)	Submit FFTF end point criteria document	TPA	8/31/2005	7/7/2005		Complete
RL 42A-1b	Complete FFTF sodium drain from the reactor vessel and the Fuel Storage Facility vessel	PI	9/30/2005	9/1/2005		Complete
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	3/14/2006		Complete
RL 42A-1a4	Complete loading of three additional Interim Storage Casks and place in the 400 Area Interim Storage Area	PI	3/31/2006	3/30/2006		Complete
RL-Composite -10	Complete FFTF IDS sodium drain	PI	9/30/2006		9/30/2006	On schedule