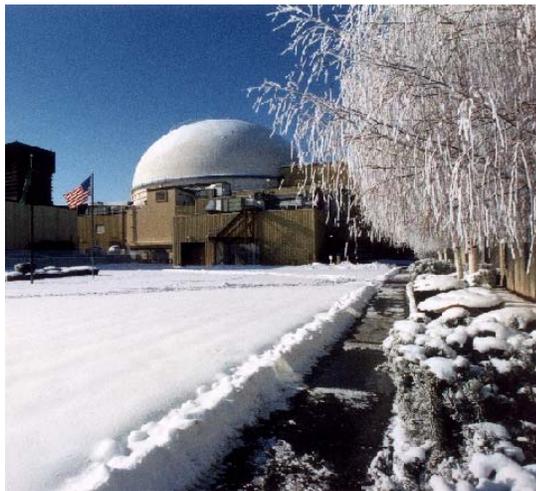


# **Nuclear Facility Deactivation and Decommissioning (D&D), Fast Flux Test Facility (FFTF) Project**

**D. B. Klos, FFTF Project Director/(509) 376-5457**

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Fast Flux Test Facility



Solid Waste Cask



Interim Storage Cask being prepared for transport



Interim Storage Cask being transported

## Overview

This section addresses Project Baseline Summary (PBS) 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 December 2003.

## NOTABLE ACCOMPLISHMENTS

**Fuel Offload:** The twelfth Interim Storage Cask (ISC) was loaded and transferred to the Plutonium Finishing Plant, completing Performance Incentive S-3-4b on December 11, 2003, 42 days ahead of schedule. Fuel offload activities continue to support the disassembly of fuel assembly MFF-1 in the Interim Examination and Maintenance (IEM) Cell and resumption of fuel washing activities in August 2004 when new ISCs are scheduled to arrive on site.

**Primary Heat Transport System:** Field work began to reconnect the high point gas vents on the primary heat transport system. These vents were disconnected following sodium fill and will be used during the drain of the primary sodium loops later this year.

**Reactor Vessel Drain Pump:** The reactor vessel drain pump, which is required to remove non-drainable sodium from the bottom of the reactor vessel, was successfully tested by the vendor. The pump will be shipped to FFTF during January and then be fabricated into an assembly for insertion into the reactor vessel.

**Core Component Container (CCC) Leak Testing:** A new CCC Leak Testing System and remote-operated impact and speed wrenches were tested and installed in the IEM Cell. The new equipment has performed very well and has improved the reliability of the CCC closure process.

## FY 2004 FH FUNDS VS FORECAST (\$000)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
<b>See Note 1 (1st Quarter)</b>			
<b>RL-0042</b> Nuclear Facility D&D, FFTF Project	\$ 16,693	\$ 8,138	\$ 8,555
<b>See Note 2 (Entire Fiscal Year)</b>			
<b>RL-0042</b> Nuclear Facility D&D, FFTF Project	\$ 44,034	\$ 41,659	\$ 2,375

**Note 1:** The Contract Funding and spend forecast reflect the FFTF being in the FH contract only through December 31, 2003. October and November spending have been limited due to the reduced funding provided by the continuing resolution.

**Note 2:** It is anticipated that a contract extension will be approved. Through the end of fiscal year 2004, expected funding is \$42,303K in addition to the FY 2003 carryover of \$1,731K.

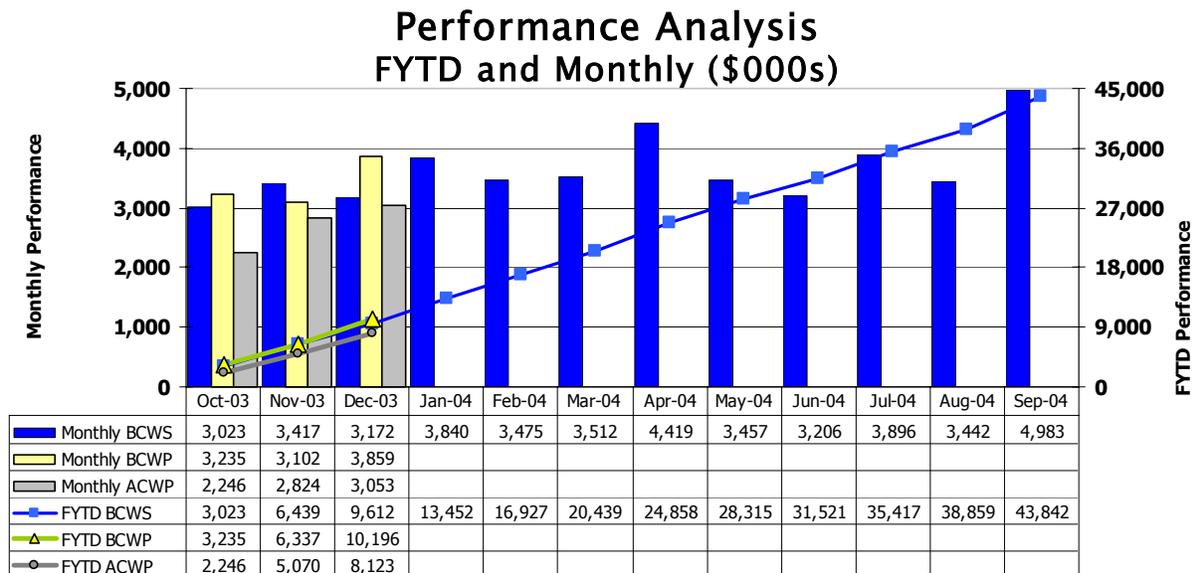
## FY 2004 SCHEDULE/COST PERFORMANCE (\$000)

	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 Facility D&D, FFTF Project	9,612	10,196	8,123	585	6%	2,073	20%	43,842

**NOTE:** Numbers are rounded to the nearest \$K.

**Schedule Performance (+\$585K/6%):** The schedule variance is within the established threshold.

**Cost Variance Analysis (+\$2,073K/20%):** The cost variance is primarily due to controlled spending in the surveillance and maintenance area, and early completion of the fuel offload Performance Incentive six weeks ahead of schedule.



## MILESTONE ACHIEVEMENT

Number	Milestone Title	(TPA/DNSFB/PI)	Due Date	Actual Date	Forecast Date	Status/Comments
PI-S3-4a	Secondary system sodium drain	PI	5/31/03	4/16/03		Complete
PI-S3-4b	Fuel Offload - 81 assemblies	PI	1/22/04	12/11/03		Complete
M-81-12	Initiate FFTF sodium drain	TPA	6/30/03	4/7/03		Complete
M-20-29B	Submit sodium storage facility and sodium reaction facility closure plan or request for procedural closure to Ecology as defined in Agreement section 6.3.3.	TPA	6/30/03	6/12/03		Complete