

WBS	CA
1.05.03	N/A

CAM	PERIOD
Donn McMahon	12/31/2007

BCWS	BCWP	ACWP	BAC	SV	CV	SPI
3,567,390	1,334,877	1,560,294	3,654,254	-2,232,513	-225,417	0.37%

Variance Explanation:

1.05.03 Mechanical & Vacuum Subsystem - Written by Donn McMahon for period 2/28/2007:

The sources of the schedule delays are due to delays in requirements, the decision to push final development/procurement of certain systems out to FY087 and FY09, and the addition of new scope.

Schedule delays in 1.5.3.2 were associated with delays in physics requirements from the SLAC Radiation Physics (RP) Group and those resulting from the physics and design of the FEL Offset System. The RP group has hired more resources and requirements document is nearly complete. Also, the Soft X-Ray portion of the FEL Offset System has sufficiently advanced to define residual requirements. Engineering design is in process. Also, very high priority new scope associated with 3 radiation shield walls was added to 1.5.3.2 and 1.5.3.3. This scope is integrated with Conventional Facility (CF) efforts which are on a more immediate schedule. Consequently, development time was diverted to these efforts and was added to our scope via BCR XT-13.

Schedule delays in 1.5.3.4 and 1.5.3.5 were associated the decision to push development and procurement of these systems out to FY08 and FY09.

There is no anticipated impact to Beneficial Occupancy dates associated with these areas.

Updated by: Donn McMahon on 4/19/2007 for reporting period: 2/28/2007

Corrective Action:

1.05.03 Mechanical & Vacuum Subsystem - Written by Donn McMahon for period 2/28/2007:

The receipt of full/partial requirements has enabled us to commence (concurrent) engineering. We have value engineered improvements to the design and development processes so as to meet schedule goals. Also, the formal addition of the new scope will allow us to take credit for efforts in process.

Updated by: Donn McMahon Date: 4/19/2007