

Team – The minutes from the NCSX IPT meeting of 1/27/05 follow:

1. DOE news:

No news on the budget for FY06 yet. Roll-out will be Feb 7th.

2. Safety:

PPPL continues to analyze the SLAC "hot-work" electrical accident and is examining internal PPPL procedures. Also looking at the recent "near miss" accident at ANL.

3. Next 6 months:

- a) Receive 1st and 2nd MCWFs;
- b) VVSA vendor will continue to form panels;
- c) Twisted race track coil will be wound, tested, and sectioned for analysis;
- d) TF coils will begin the procurement process.

4. ECP's & Management Reserve;

Engineering Change Proposal (ECP) for \$470K release of contingency is on its way to the DOE Project Director.

5. Performance:

- a) SPI and CPI are OK. SPI did reduce from 1.0 to .97 due to material procurement delays by vendor which is contingent upon vendor payment
- b) Contingency (after ECP) approximately 12.6M which equals 25% base upon remaining work.

6. Technical Progress:

- a) C-1 casting completed radiography which shows some internal defects which were not unexpected. Weld repairs will be performed prior to machining.
- b) A-1 pattern is undergoing changes to address defects found in the C-1 casting.
- c) VVSA vendor has requested a deviation of tolerances near some of the ports on the vacuum vessel. PPPL is examining the change but sees no major problems with the request.
- d) Twisted racetrack coil (TRC) is moving along with the installation of cladding, and completion of the conductors on one side of the T-track. Lead blocks are currently being installed. Conductor winding to be completed around mid-February. Completion of TRC expected in early March.

7. Critical Issue:

Development and analysis of metrology is still being worked out. Issues of repeatability and consistency between the Romer Arm and laser scanning technologies are being analyzed by PPPL.

8. Next IPT scheduled for Feb 15th at 11:00am est.

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