

Princeton University Cost & Schedule Review of NCSX
Princeton Plasma Physics Laboratory
June 4-6, 2007

Review Panel

George Coward, consultant (Chair)
Simon Anderson, University of Wisconsin, Madison
Dan Green, Fermi National Accelerator Laboratory
Chris Gruber, consultant
Dan Marlow, Princeton University Physics Department
Graeme Murdoch, Oak Ridge National Laboratory
Thomas McManamy, Oak Ridge National Laboratory

Charge from Princeton University

Prior to this review, the NCSX Project Team will:

- assimilate the information from the May 1-4 Engineering Workshop
- complete the integration task
- arrive at new estimates for the total project cost and completion date, including budget and schedule contingencies

The goal for this review is to evaluate the overall soundness of the new cost and schedule estimates at the project level.

Charge for the Project Review

Determine the following:

- Has the NCSX Project Team effectively addressed the recommendations resulting from the Engineering Workshop?
- Has the NCSX Project Team correctly estimated the budget and schedule contingencies needed, based on a realistic risk assessment?
- Is the NCSX Project Management Team taking appropriate steps to control the cost and schedule of the project through to completion?
- Is PPPL Management providing necessary resources to deal with the issues?
- Do the cost estimate, contingency, and the integrated resource loaded schedule provide a sound basis for completing the construction of NCSX?
- Have the Laboratory and the University put into place adequate corrective actions to avoid further cost growth?

Princeton University Cost & Schedule Review of NCSX
Princeton Plasma Physics Laboratory
Room LSB-318
Agenda

Monday, June 4, 2007

- 7:30 Continental Breakfast, LSB 318
- 8:00 Executive Session
- 8:30 Charge to the Committee, Review Plan, and Discussion (S. Smith, R. Goldston)
- 9:00 Project Overview and Responses to Workshop Recommendations (H. Neilson)
- 10:15 Break
- 10:30 Technical Progress, Remaining Work, and Risk Management (W. Reiersen)
- 12:00 Tour, working lunch (Reviewers, B318)
- 2:00 Resource Loaded Schedule and Contingency (R. Strykowski)
- 4:00 Committee Discussion

- 7:00 Dinner at Hawryluk's

Tuesday, June 5, 2007

- 7:30 Continental Breakfast, LSB 318
- 8:00 Executive Session
- 8:30 Committee discussion with NCSX Team members
Breakout Sessions Defined by the Committee
Discussion & Committee Report Preparation
- 12:00 Lunch, (Reviewers, B318)
- 2:30 Coffee Service, B318

Wednesday, June 6, 2007

- 7:30 Continental Breakfast, LSB 318
- 8:00 Discussion & Committee Report Preparation
- 10:00 Committee Debrief
- 11:00 Meeting with Provost Eisgruber
- 12:00 Adjourn