NLC - The Next Linear Collider Project

NLC Check-Off Meeting
July 27-28, 2000

Introduction

D. L. Burke
Charge

The present NLC development plan was formulated in preparation for the May, 1999 DOE "Lehman Review", and updated for FY00 last Fall and again at the middle of the fiscal year. We are now reviewing and re-baselining our plans for FY01 and beyond. The charge for the July 27-28 Check-Off meeting is to review proposed budgets, manpower, and schedules for FY01, and FY02, and into FY03. This should include accelerator design, technical systems and facilities design and engineering, project evaluation, and supporting R&D.

Agenda

July 27, 2000

Thursday, July 27     1330 - 1530 (PST) Fujii Room (SLAC)
                      Introduction (Burke - 10 min)
                      Accelerator Physics (Raubenheimer - 20 min)
                      Special Projects (Ross - 30 min)
                      Technical Systems (Cornuelle/Larsen - 60 min)

Friday, July 28       0900 - 1100 (PST) Video Conference
                      WBS and Accounting Structure (Lavine/Lowe/Williams - 20 min)
                      Main Linac Power Sources (Adolphsen - 20 min)
                      Main Linac Beam Line (Structures/ETF) (Finley/Czarapata - 40 min)
                      Conventional Facilities/Site Studies (Ives/Kuchler - 30 min)
                      General Discussion (Burke/Dombeck - 10 min)

Presentations should leave 5 minutes for discussion.
• We are planning pre-conceptual activities in FY01 and FY02. Many of these activities, particularly R&D projects, will carry over into FY03, and those should be tracked, but we are not attempting to plan the complete effort in FY03 at this time.

• Include all activities!
  – This means accelerator design, technical systems and facilities design and engineering, project evaluation, and supporting R&D.
  – Include a place-holder for effort to prepare for a Lehman review in FY02 that DOE might require to prepare its FY04 budget request.

• Budget Model - All Funds
  – FY01 at $22M (18 at SLAC and 4 at Fermilab)
  – FY02 at $27M (19 at SLAC and 8 at Fermilab)
  – FY03 undefined.
The schedule of planning for FY01-03 for the upcoming MAC meeting will follow our usual pattern of collating information from each manager, and then fitting the total into our budget model.

**Schedule**

- **July 27-28**: Presentation of "Walk-In" Plans
- **August 4**: Information to Project Planning (Email to Lowe)
- **August 10**: Roll-Up of "Walk-In" Plans (Lowe)
- **August 31**: Complete First Iteration (Burke/Dombeck)
- **September 21-22**: Check-Off of Final Iteration for MAC
- **October 3-6/7**: Collaboration Meeting
- **October 4-6**: MAC Review