Conventional Facilities
General Management Overview

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General Management Overview

- Progress on Organizational Efforts
  Consultant Work
  Presentation and Drawing Format
  Estimating Process
  Design Development
  Project Schedule
- Collaborative Involvement of CF Staff
- Plans for Snowmass ’01 and Beyond
Consultant Work

- Underground Advisory Board
- CA Geology Study for Bored Tunnel Construction
- IL N/S Footprint Study
- CA & IL Ground Motion Studies
- CA Electrical System Study
- IL Electrical System Study
Presentation and Drawing Format

- Presentation Format
- Consistent Drawing Software (AutoCad)
- Format for Drawing Sheets
- Drawing Standards
**Estimating Process**

- Review WBS Dictionary
- Identify Common Cost Elements Across Design Options
- Identify Cost Elements Specific to Site Locations
- Develop a Method for Systematic Cost Comparison for Alternate Design Solutions
Design Development

- Reflect Format of Cost Estimates
- Common Sheets for Common Cost Elements
- Site Specific Sheets to Reflect Local Attributes
- Working on Various Solutions that will Provide the Opportunity to Develop Optimized Combinations of Alternatives as the Design Process Continues
Project Schedule

- Identification of Major Work Process Activities
- Develop time Line for Each Work Package
- Develop Precedence Logic for all Work Packages
- Begin to Understand the Transition of Space from Project Through Beneficial Occupancy
Collaborative Involvement of CF Staff

- California Sites - John Cogan
- Illinois Sites - Jeff Sims
- Mechanical Systems - Lee Hammond/Javier Sevilla
- Electrical Systems - Clay Corvin
Plans for Snowmass ’01

- California 135 D Site
  Remote Injection
  Cut and Cover/Cut and Fill Construction
- Illinois N/S Site
  Central Injection
  Deep Tunnel Construction
- Refined content for Cost Estimates
  Laser Straight Tunnel Alignment
  Full 1 Tev Tunnel Enclosures
Plans Beyond Snowmass ’01

- Explore SLAC 127 and 145 Sites
- Iterate Design for Fermilab N/S Site
- Complete Efforts to Format CF Documentation
- Complete Efforts for a Consistent Combined Cost Estimate
- Establish Initial Phase of Underground Advisory Board
- Support ETF Design as Needed
- Continue efforts on Ground Motion and Cultural Noise Effects on Machine and Enclosure Stability
- Complete a Functional Analysis to Determine Support Facility Requirements