CDF Decommissioning Plans

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All (former) Experimenters’ Meeting
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Scope

• All hazards related to CDF experimental program mitigated
• 2nd floor, collision hall and adjacent section of Tevatron tunnel ready for tour groups of =49 people
• West high bay cleared for iARC use
• East high bay prepared for PPD detector development and construction lab
• Assembly pit prepared for joint PPD/iARC use
• Office areas and 1st floor counting room cleaned and ready as adjunct to PPD activities in high-bay
• 3rd floor computer room for CDF analysis servers
West Bay-- IARC:
Broom Clean
Mezzanine Removed

30' Deep Pit:
Cable Bridge Removed

East Bay--PPD:
Useful hardware recovered
Workspaces readied

Counting Room
Theatre
Collision Hall

Stairs to parking lot
Access to section of Tevatron tunnel
Plans for Display

- **Theatre**
  - Place for visitors to assemble
    - Meet scientist?
    - Movie?
- **Trigger room**
  - Electronics on display
  - Other displays?
- **Control room**
  - Flashing screens look almost like we are running
- **Collision hall**
  - North and west sides blown open
    - Plastic covers, view of COT face, etc.
  - South and east, closed up in running configuration
Display Effort

• Working with Public Affairs and Education
• Making posters to document our achievements
  ▪ Mix of hardware and physics
  ▪ Ben Kilimister coordinating
• Interactive activities geared mostly toward middle school
  ▪ Cosmic-ray test stand, etc.
• CDF people: Ben Kilminster, Anna Mazzacane, JDL
• Life safety improvements in tour areas
  ▪ Doors, walkways
  ▪ Remove obstructions
  ▪ Remove halon, sprinkler mods
Planned Collision Hall Layout
Schedule

- **October-December**
  - Secure detector
  - Recover electronics
  - Cleanout highbays
    - Consolidate/remove cabinets
    - Remove gas racks, motor-generators, etc.
- **December**
  - Demolish mezzanines
- **January**
  - IARC construction begins
    - No access to west door
  - Recover PMTs, etc. from detector
Schedule, cont.

- March-April
  - Remove cable bridge

- April
  - IARC tie-in work on north side
  - Begin collision hall work

- Ongoing
  - Counting room clean-up
  - Remove process systems
  - Life safety improvements for tours
  - IARC integration
Storage of components that may have future use

- **Detector Items**
  - They are safe in situ
  - Not worth labor to pull down if no use identified
    - Phototubes, Radeka preamps, etc.

- **Shelf Items**
  - Over the years CDF has collected lots of good stuff
    - What you want for a detector lab (fittings, valves, connectors)
    - We will sort to keep what is most generally useful
  - Don’t want building to be a warehouse
    - Plan for storage mezzanines in pit alcoves without crane coverage
    - Sufficient space for all lockers now in high-bay
Alcove Plan

Stairs

N
Status

• Systems secured
  - No flammable gas or HV
  - Central detector power off
  - Solenoid warm
  - Minimal systems operating to support silicon annealing studies
    ▪ End 11/1

• Clean-up in full swing
  - Priority to recover of items useful to other efforts
  - Throwing away CDF-specific items as we encounter them
  - ~20 skids out the door in the past two weeks