

Magnet Controls Final Design Review

LCLS Magnet Power Supply and Controls Hardware Final Design Review

Date	March 30, 2006
Time	8:00AM to 4:15PM
Location	SLAC, Building 15 Upstairs Conference Room
Review Committee Final Report	March 30, 2006
Response to Final Report	April 17, 2006

Agenda			
Topic	Presenter	Start Time	End Time
Welcome, Overview and Committee Charter	Chairman	8:00	8:30
Power Supplies, Racks and Cables	Paul Bellomo - Controls and Power Electronics Department	8:30	9:30
Break		9:30	9:45
Intermediate Power Supply Controllers	Dave MacNair - Controls and Power Electronics Department	9:45	10:45
Break		10:45	11:00
MCOR Controls	Kristi Luchini - LCLS Controls Department, WBS Manager	11:00	11:30
Lunch		11:30	13:00
Sector 21 Quad Switchover	Antonio de Lira - Controls and Power Electronics Department	13:00	14:00
Hazard Analysis Summary	Paul Bellomo - Controls and Power Electronics Department	14:00	14:30
Cost and Schedule	Kristi Luchini - LCLS Controls Department, WBS Manager	14:30	15:00
Break		15:00	15:15
Closeout	Chairman	15:15	16:15

Review Committee		
Marjorie Widmeyer	SSRL Electronics Engineering	Chair
Glenn James	Lawrence Livermore National Laboratory	
Dave Nelson	SLAC PPA Electronics and Software Engineering	
Fernando Rafael	SSRL Electronics Engineering	
Dan Shimer	Lawrence Livermore National Laboratory (retired)	

Scribe
Kristi Luchini and Paul Bellomo

Charge to the Committee

The Committee will:

- Evaluate the presented designs against LCLS physics and performance requirements
- Determine if the degree of inter-discipline integration is adequate
- Ascertain if the system definitions support writing software operating programs
- Identify any other technical issues not already addressed in the presented designs.
- Determine if the presented plans for design, procurement, and installation are reasonable
- Identify any safety or environmental issues that require addressing
- Write a report of comments, findings, and recommendations

Handouts
Injector Announcements and Agenda
List of Magnets and Power Supplies for First Commissioning

VME I/O and Network Signal List

Addendums		
Jul 16, 2007	K. Luchini	Updated List of Magnets and Power Supplies for First Commissioning
Aug 8, 2006	K. Luchini	Updated VME I/O and Network Signal List
June 14, 2006	K. Luchini	Updated MCOR/EPSC Controls Presentation
June 8, 2006	K. Luchini	Updated VME,PLC I/O and Network Signal List (word) (excel)
April 6, 2006	K. Luchini	Updated VME I/O and Network Signal List
April 19, 2006	P. Bellomo	Updated List of Magnets and Power Supplies for First Commissioning