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STANFORD UNIVERSITY
STANFORD LINEAR ACCELERATOR CENTER

2575 Sand Hill Road, MS 78
Menlo Park, CA 94025
25 August 2006

To: Eric Colby
From: Kenneth C. Moffeit, Chairman SOC
Subject: E-163: Laser Acceleration at the NLCTA

Project E-163: Laser Acceleration at the NLCTA was reviewed in September 2002 by the Safety Overview Committee. The minutes of that meeting show that the SOC requested the project work with the following Citizen Committees or Safety Officers:

- Radiation Safety Officer
- Earthquake Safety Committee
- Electrical Safety Officer
- Fire Marshall
- Environmental Safety Committee
- Non-Ionizing Radiation Safety Committee
- Laser Safety Officer

I understand the project is close to completion, and that you have worked closely with the required Citizen Committees and Safety Officers. The SOC now requires formal signoff on projects. Please obtain formal approval for the project from the Chairs of these committees or Safety Officers.

Sincerely yours,

Kenneth C. Moffeit, Chair SOC

Signature approval before proceeding
Sayed Rokni, Radiation Safety Officer

Scott DeBarger, Earthquake Committee Chair

Perry Anthony, Electrical Safety Officer

Robert Reek, Fire Marshall

William Kroutil, Environmental Safety Committee

Jim Sebek, Non-ionizing Safety Committee Chair

Ted Fieguth, Laser Safety Officer

Kenneth C. Moffeit, Chair SOC

cc Jonathan Dorfan, ES&HCC
Persis Drell, Director of Particle and Particle Astrophysics
John Cornuelle, Director of Operations
Keith Hodgsons, Director of Photon Science
John Galayda, Director of LCLS Construction

Jerry Jobe, Business Services
Sayed H. Rokni, ES&H
V. Flynn, EFD
Citizen Committee Chairs

S. H. Rokni 12-15-06
Scott DeBarger 15 Dec 06 - SEE ATTACHED COMMENTS
Perry Anthony Subject to conditions attached. 12/15/06
Robert Reek 12-15-06
William Kroutil with EFD follow-up
Jim Sebek 10/05/2006
Ted Fieguth 10/5/2006
Kenneth C. Moffeit 12-15-06

SOC Final Sign-off Addendum

Remaining Action Items

Sheet	1	of	1	ELECTRICAL	PRE-RUN or post
Item #	C. C.	Requirement/Action Item			
1	Elec.S.C.	Develop plan for EEIP inspection of all equipment based on preliminary inspection			PRE
2	"	Resolve items deemed hazardous during EEIP inspection			PRE
3	"	Resolve items deemed NON-hazardous during EEIP inspection; complete EEIP inspection			post
4	"	Apply fire bags or intumescent paint to cables in trays			post
5	"	Document ratio of NON-LSNH cabling to LSNH cabling in trays			PRE
6	"	Secure magnet electrical hazard barriers (2 places, Girders 41 & 43)			PRE
7	"	Label magnet electrical hazard barriers (8 places)			PRE
8	"	Relocate magnet electrical hazard tag to more visible location (1 place)			PRE
9	"	Reroute cables in exp. hall tray stub to avoid crossing tray edge (1 instance)			PRE
10	"	Insulate thermocouple wire connections			PRE
11	"	Provide hardwired (permanent) 110 VAC power to replace power strips (2 locations)			post
12	"	Enclose signal cables not in cable tray in plastic protective conduit or jacket (1 instance)			post
13	"	Ground steel frame of experiment hall structure			PRE
14	"	Propagate AFC labeling to unlabelled electrical devices			PRE
15	"	Install barrier chain and "Not a Walkway" sign between racks 201 & 206			PRE
16	"	Label rack doors for hazards inside			PRE
17	"	Ground b. 225 to RY tunnel ground (*try for PRE-RUN completion).			post

Ken Anthony
12/15/06

