

LERF as Cryomodule Testing Facility for LCLS-II

Meeting Summary

Wednesday, September 20, 2017 3:00 PM

Location: ESH&Q Building 52 Room 9+++++

ATTENDEES (in alphabetical order):

Paul Collins – ESH&Q-Point of Contact

Ed Daly*

Harry Fanning*

Kevin Jordan – Project Manager

Todd Kujawa – Electrical SME

Bob May – Accelerator Safety

Bill Rainey*

Steve Smith – QA/CI

Keith Welch – Radiation Control

Jennifer Williams – Industrial Hygiene

*Denotes non-attendance

Summary of Project

The LCLS-II/JLab Cryogenic Systems group prepared a proposal submitted and accepted by Stanford Linear Acceleratory Center (SLAC) to adapt the Thomas Jefferson National Accelerator Facility (Jefferson Lab) Low Energy Recirculation Facility (LERF) for LCLS-II cryomodule testing. Project includes testing four pairs (total of eight) cryomodules during the period mid-FY'18 through mid-FY'19.

A Kick-off Meeting was held on September 8, 2017.

Indico site provides links to review documents (dated August 3-4, 2017: <https://www.jlab.org/indico/event/233/>)

[LERF Whiteboard](#) provides the current anticipated three week schedule on a running basis.

The [ATLis](#) system is being used to schedule individual projects. Steve Suhring and Arne Fryberger are coordinating individuals and tasks.

A Jefferson Lab Mailist has been set up. If you are not on the list, contact Kevin Jordan (Jordan@jlab.org)

ES&H Concerns

The process outlined within [ES&H Manual Chapter 3110 Facility Design and Modification Review](#) will be used for review of drawings and other appropriate documents.

Identified hazards will be reviewed and mitigated through [the ES&H Manual Chapter 3310 Operational Safety Procedure \(OSP\) Program](#). This project is performing activities similar to others currently covered under OSPs. These OSPs may be cloned and edited

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to reflect the appropriate work areas, but will go through the review and approval process using the same rigor as if the document had been written as new. They will also consider the updated Accelerator Safety Envelope (ASE)

Equipment is commercial or copies of things that have undergone design reviews. Anything new will be reviewed per Jefferson Lab standards.

Electrical alterations are being reviewed by certified electricians and no issues have been identified. All planned activities are being done to code standards and are not unusual or challenging.

Action Items

- Testing Certification – Acceptance Testing:
Kevin Jordan will be going to SLAC to discuss the details
- Project Planning Documents:
Kevin Jordan to get with Paul Collins to determine document requested. Includes:
 - Schedule/Planning Documents
 - Hazard Analysis
 - Final Plan Documents
 - Mitigation Techniques
 - Project Acceptance
 - List of responsibilities and associated positions