

SoLID Collaboration Meeting

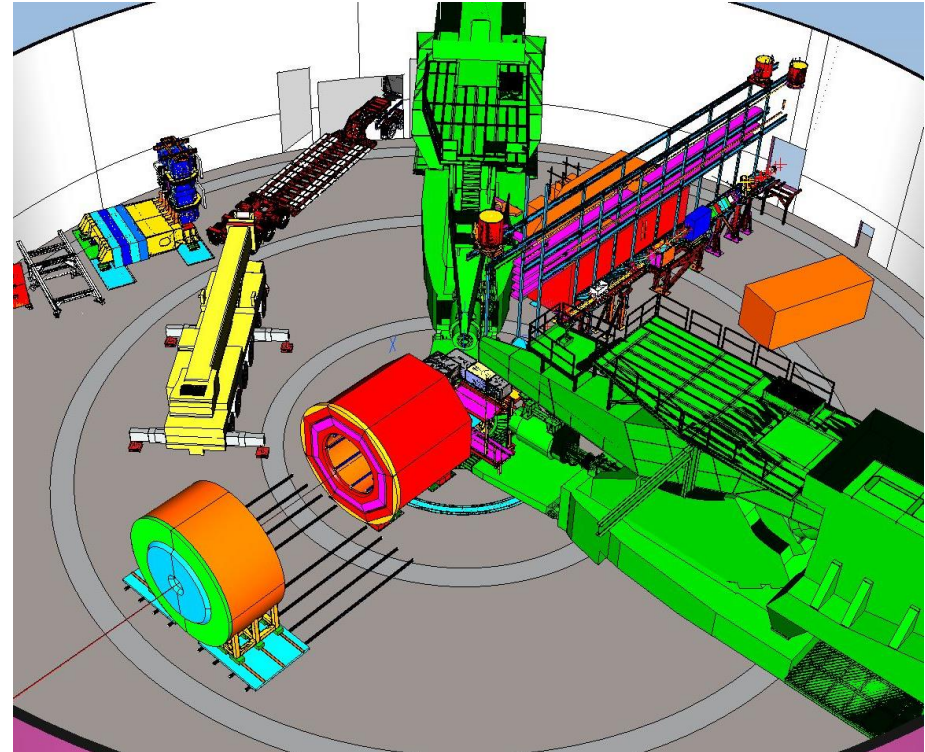
SoLID ES&H

Director's Review Preparation

Whit Seay

August 8, 2019

 Jefferson Lab



U.S. DEPARTMENT OF
ENERGY

Office of
Science



SoLID ES&H

Fully integrate ES&H into planning, design, fabrication and installation

- Conducting design and safety reviews of major subsystems before fabrication and installation; such as engineering review of support structure & equipment supplied by Collaborators
- Coordinating work of outside institutions to ensure JLAB policies are followed; Collaborators present designs for review in weekly meetings.
- Utilizing JLAB screened vendors and requiring vendor's to have quality program in use.

As program progresses into fabrication and installation,

- Will perform hazard analysis and utilizing JLAB safety system for all testing and commissioning activities; such as load testing, weld inspection, TOSPs, acceptance tests, pre-assembly and testing of magnet.
- Each SoLID Experiment will be required to complete the JLAB Experiment Readiness Review process.

SoLID ES&H

Experiment Readiness Review (ERR)

A process to ensure that both **equipment** and **experiments** are ready and safe to operate.

Managed by the Deputy Associate Director (AD) for Experimental Nuclear Physics (Patrizia Rossi).

In use since the **mid-90's**:

- (a) **hall equipment was reviewed before first operation/commissioning,**
- (b) **applied then to all experiments.**

Process updated and streamlined with lessons learned from the 6 GeV era - e.g.,

- ◆ **who decides which devices can be added to the “standard equipment” (already reviewed) list of a hall.**
- ◆ **requirements to include an experiment on the beam schedule**

Questions?

wseay@jlab.org

