Hall B 12-06-113 (BONUS) Experiment Readiness Review
Jefferson Lab May 31, 2017

Charge

1. Has the entire beamline and detector configuration been defined, including ownership, maintenance and control during beam operations?
2. Are the beam commissioning procedures and machine protection systems sufficiently defined for this stage?
3. What is the status of the equipment towards operation? What are the completion/commissioning schedule and tasks?
4. Are the responsibilities for carrying out each job identified, and are the manpower and other resources necessary to complete them on time in place?
5. Parameters and status of the target system to be used. The following points must be addressed:
    a. Have all EHS&Q considerations being included in the design, i.e. pressure vessel requirements and fire risk?
    b. Have all the operational procedures, like those for changing target material (deuterium, hydrogen, helium) been defined, approved and in place?
6. What is the RTPC status? Has it been demonstrated for readiness to operate and to achieve the scientific goals of the experiment? The following points must be addressed:
    a. Interfacing with the CLAS12 configuration
    b. RTPC operation and calibration
    c. GEM reconstruction efficiency
    d. Readout electronics (what is the event rate that can be handled?)
7. Are the radiation levels expected to be generated in the hall acceptable? Is any local shielding required to minimize the effects of radiation in the hall equipment?