Hall C E12-24-013, E12-24-011, E12-24-003, E12-24-004

Experiment Readiness Review

June 4-5, 2026

Hardware & Experimental Infrastructure

1. What is the status of the equipment required for this set of experiments towards operation? What is the completion/commissioning schedule and tasks? In particular provide detailed information on:
    - The beam line and scattering chamber
    - The target(s) needed
    - The HKS, HES, PCS, ENGE and the effect of the magnetic fields on the beam line. The status of the needed power supplies.
    - The integrated system, including the support structures for the magnets, as expected to be used during the experiment.
    - The Low Conductivity Water (LCW) requirements for the experimental equipment.
    - Final configuration of the Hall space if changes are needed.

Beam Requirements & Machine Protection

2. Are the requirements for the electron beam fulfilled? What are the beam controls needed for this set of experiments?
3. Are the beam commissioning procedures and machine protection systems sufficiently defined for this stage?

Resource Management & Manpower

4. Are the manpower and other resources necessary to execute the experiments identified? Are the responsibilities for carrying out each job assigned? Please provide a detailed and realistic evalution of the available FTE with names if possible.

Software, Simulation & Data Analysis

5. What is the simulation and data analysis software status for the experiment? Has readiness for expedient analysis of the data been demonstrated? What is the projected timeline for the first publication? Please provide a documented track record from previous experiments.

Radiation Safety & Operational Documentation

6. 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 equipment?
7. What is the status of the specific documentation and procedures (COO, ESAD, RSAD, ERG, ePASes, operation manuals, etc.) to run the experiments?
8. Will the proposed experiment result in hazard conditions not currently evaluated in the SAD or require Credited Controls or bounding conditions not currently specified in the ASE?