

Tritium Target Safety Review

Charge to the Committee

- Review the conceptual design of the Tritium Target design from an operational safety point of view, including the vent system to safely remove the Tritium from the scattering chamber/hall.
- Review the tritium target design as engineered and its anticipated performance characteristics.
- Review the Installation Plan including safety checkout plans both prior to installation (specifically including the transportation of the target to JLab) during installation, and after installations been completed.
- Review both the passive and active control and safety systems.
- Review the estimates provided of the impact of a catastrophic failure of the target, either during installation or operation, on the general environment and on Hall A specifically.
- Review the modification to the beam line for the operation of the Tritium Target including the Beam Shutdown systems.