

Tritium Target Safety Review - Charge to the Committee

A proposal E12-06-118 to study the F_2^n/F_2^p , d/u Ratios and A=3 EMC Effect in DIS off ^3H and ^3He has been conditionally approved subject to a safety review of a Conceptual Design of the proposed tritium target. To complete the initial evaluation of the proposed experiment, Jefferson Lab requests that the Tritium Target Safety Review Committee:

1. Review the conceptual design of the Tritium Target design from an operational safety point of view
2. Review the tritium target design as engineered and its anticipated performance characteristics.
3. 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 installation has been completed.
4. Review both the passive and active control and safety systems.
5. Review the initial 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.
6. Review the proposed procedure to establish a firm prediction of the impacts of such a catastrophic failure.