

**C-AD**

Issued: February 23, 2016

**Radiation**

**Safety** Minutes of BLIP RSC Target Review Subcommittee of February 4, 2016

**Committee**

**Subject: Th Target irradiations**

**Present:** D. Beavis, L. Mausner, H. Kahnhauser, N. Contos, N. Simos, C. Cutler, C. Cullen, D. Medvedev, and E. Lessard

L. Mausner and D. Medvedev submitted a canning record for Th targets that will be irradiated with 200 MeV proton beam in front of the RbCl targets which will be in box2. **The target submission is Tgt\_16\_03.** After the meeting an updated target submission was sent to reflect changes from the meeting.

The secondary containment vessel satisfied the committee's concerns. The acid scrubber will be monitor will be watched during the can opening for early detection of any potential releases of materials from the target can.

The issue of worker contamination was discussed. BLIP/TTPL staff will provide information on existing procedures or new procedures on how potential worker contamination will be addressed for cleanup of a release of alpha emitters into the BLIP water or the building 801 hot cell.

The analysis of the potential release of target materials and potential exposure was distributed by E. Lessard before the meeting and a final version provided after the meeting.

["Safety Analysis for FY2016 Th Target at BLIP"](#), E. Lessard [PDF]