

Items from the ERR Charge

- What is the status of the Kaon Production Target (KPT)? Specifically:
 - a) the conceptual design (ready by Igor)
 - b) the evaluation of the produced radiation. In particular, the following points should be discussed:
 1. the approximations made in the Monte Carlo simulations and which code has been used;
 1. MCNP & FLUKA (Igor)
 2. the energy deposition and the temperature in the KPT;
 1. Beryllium missing temperature, tungsten done. Tim will finish the Beryllium by the beginning of February (Tim's presentation).
 3. the prompt dose and activation around the KPT and the Cave;
 1. It is done, needs to be presented.
 2. Prompt dose in the main hall? May not have been calculated. (Igor and Vitaly will look into this. Hovanes will give Vitaly a sketch)
 1. Igor will show a slide with tally locations and doses.
 4. the water-cooling system and possible contaminations.
 1. Localized cooling system is in progress. (Tim)
- Will civil constructions be needed in the Cave to contain the radiation?
 - No. The new shielding in the cave is designed not to have to do that.
 - Need to decide where the prompt rates need to be evaluated (Hovanes and Pavel) (Not needed)
 - Rates need to be evaluated once the locations are identified (Vitaly and Igor) 2-3 weeks after the geometry is given to Vitaly (Not needed).
- What is the decommissioning plans for the K-Long Facility (CPS, KPT,...) and the activated components? A brief outline is sufficient.
 - KPT is kept in the cave and moved sideways. All other modifications in the cave are restored to GlueX.
 - Evaluate the time we need to wait before being able to move KPT assembly and before disassembling KPT. Activation doses need to be evaluated. (Vitaly and Pavel)
- What are the cost and schedule estimates for the construction of the K-Long Facility? Have the resources been identified?
 - Cost is available based on Tim's estimates.
 - Time for construction and resources is being evaluates (Tim)