**List of Action Items and Documents for Successful Completion of the n-3He IRR**

Seppo

Oct-15-2014  
update Oct-28-2014

1. Set preliminary date for IRR - week Nov 10 🡪
2. Documents
   1. No changes to IPPS – we need to mount back the trap key fence,
   2. then IPPS system folks will do post maintenance test - talk to Bobby Cross
   3. RSS – exists – RSS #12883.0
   4. Project/Instrument Hazard Analysis – Paul M. working with this – RSS is enough by Greg Rowland
   5. Overview of Credited Controlled shielding – Jack has signed drawings
   6. USI – Freeman is working – we have a good draft
   7. Fire safety – poly door reviewed by Patrick et al. no changes in cave – we have email from Patrick
   8. New cave sweep procedure – I need to send this to IRR folks
   9. Shielding calculation report – draft to signed document – find the process
      1. Fault study – in process by Paul – done
      2. Beam line 12 concern – Greg Rowland needs our schedule
   10. Procedure for response to up normal tritium events – will be included to our internal training
   11. Procedure for handling and operating the tritium manifold and ion chamber – process – goal is to have a draft
   12. Procedure for handling of the ion chamber – lifting plan almost signed
   13. Study of the beam windows of the ion chamber – the Report signed
   14. Training plan; additional BL13 visitor’s training – this is our internal issues but needs to bring up in IRR
       1. Modified cave sweep training – part of shutter operation training
       2. Operator response to a tritium event
3. Tasks for IRR
   1. Pre-Start Actions:
      1. Finger guards to poly door
      2. Trap key wall/door
      3. Experiment installed on beamline including following components; scanner#1, SF, polarimetry, jaw collimator, ion chamber, scanner#2, laser, racks, and instrumentation
      4. N2 lines/manifold in place
      5. Spin flipper He flow piping in place
   2. Post-Start Actions:
      1. Tritium manifold design ready for IRR but construction a Post-Start action
      2. Signed procedure for handling and operating the tritium manifold – a draft for IRR – signed document a Post-Start action
   3. And missed actions??