Progress List of the Pre-Starts and Post–Start Findings - BL13 n‐3He Experiment IRR

Update

Nov-26-20114

**1. Pre‐starts**

a. Update Training to specifically require review of RSS (or appropriate approved ESS) as part of both user and staff training.

**Seppo:**  this will be added to training and RSS is mandatory reading and user need to sign off. Visit by Paul Abston

b. Revise Operations Plan to make specific transition from Phase I to Phase II including notification to ISSC chair and turnover of S-key to IHCs prior to changing configuration.

**Seppo:** will be added to Op Plan

c. Drawing A023 that incorporates poly door needs all signatures.

**Jack:** DONE

d. Revise Experiment Hall Configuration Controlled Shielding drawing to\ include reference to poly door A023 drawing.

**Jack:** in process

e. Develop a data table for fault study including expected values.

**Paul:** in process – Gregory provided a template

f. Coordinate agreement between BL 12 and 13 regarding scheduling of the fault study measurements and Phase I commissioning activities.

**All:**  in process, meeting with BL12 on Dec-4th at noon for fault study

g. Documentation verifying certification of PPS and ODH needs to be entered into Project Wise. (we believe this may be complete)

**Seppo:** will check

h. Prepare list of Operational Contacts and provide to IHCs.

**Seppo:** in process

i. Revise sweep procedure to state IHCs to lock poly door for Phase I.

**Seppo:** need to find out if this means a new revision of sweep OP or just hand correction to existing one.

j. General area cleanup is needed. Emphasis should be given on the use of extension cords. All non‐essential should be removed from cave prior to beam operations.

**Seppo/Paul:** in process

k. Ensure all materials stored outside the cave are in compliance with the combustible control program.

**Jack:** Definition of “outside the cave”= front of cave access and computer area till start of bldg 8713.

DONE if we have 2 lbs. of combustibles in any 5 square foot space

l. Update the list of qualified personnel that can operate the IPPS and remove any old lists that refer to the hydrogen system.

**Seppo:** in process

**2. Post‐starts**

a. Complete and approve procedure for removal of He‐3 prior to transfer activities.

**Seppo:** in process

b. Update Sweep Procedure to incorporate commitment for RCT surveys prior to cave

entry after beam on He‐3 sample/target during phase 2. This item is to be completed prior to Phase 2 operations.

**Seppo:** in process

c. Revise Operations Plan Section 3 to commit to (rather than propose) mitigative actions for tritium hazards.

**Seppo:** in process

d. Modify Operations Plan to incorporate clamshell/polarimeter as controlled items for Phase 2 operations. This item is to be completed prior to Phase 2 operations.

**Seppo:** in process – Eric almost fabricated it

e. Add markings indicating elevated dose rates on the figures in the Neutronics Report to facilitate clearly identifying where fault study measurements are to be made.

**Paul:** in process

f. Equipment and piping labeling – label valves and piping to reflect drawings (especially He and nitrogen lines and valve tree in cave).

**Jack:** in process – work order in place