

Prepared by: D. Raparia
 Date: December 1, 2014
 Reviewed by: T. Raparia (RSCR)
 Date: 12/4/14
 Approved: T. Raparia
 (C-A Dept. Chair)
 Date: 12/5/14

BLIP RADIATION SECURITY CHECK-OFF LIST

The HEBT BM1 and BM2 power supplies are to be disabled by lock-out until the items below are completed. Record date/time, person responsible for lockout, and the tag numbers below.

HEBT BM1

_____ (Date/Time) _____ (LP)
 _____ (Tag #) _____ (Date/Time Tag Removed)

HEBT BM2

_____ (Date/Time) _____ (LP)
 _____ (Tag #) _____ (Date/Time Tag Removed)

When the following items are completed, the BLIP line can be enabled (remove lockout on HEBT BM1 and BM2).

- _____ (ACG) Functional check of Linac/BLIP interlocks completed.
- _____ (ACG) Functional check of BLIP interlocks complete.
- _____ (ACG) Any active bypasses for BLIP have been discussed with RSCC.
- _____ (LP) All BLIP FBI interlocks checked.
- _____ (BLE) REF shielding have been inspected for beam to BLIP.
- _____ (RCD) BLIP facility room 931B posted as radiation area.
- _____ (BLP) BLIP house shielding verified.
- _____ (BLE) New penetration shields in place and posted.
- _____ (RCD) Area posting at BLIP inspected.

- _____ (RCD) Reviewed the new penetration shielding.
- _____ (RCD) Monitor TLD placed over the new shield.
- _____ (RSCC) New penetration shields have been built as specified.
- _____ (BLE) New penetration shields documented as per 9.1.12
- _____ (LP) A fault study plan will be written and conducted very early in BLIP operations
- _____ (LP) RS LOTO REF interior gate
- _____ (RCT) Sign posted at REF interior gate

- _____ (BLP) All items on check-off list complete
- _____ (OC) Verified that the check-off list is complete

The dipoles can now have the RS LOTO removed.

When stable beam has been achieved to BLIP then the fault study for the penetration shielding should be conducted as soon as possible.

ACG C-A Access Controls Group (J. Reich or designate)
BLP Liaison Physicist for BLIP (S. Smith or designate)
RCD Radiation Controls Division (P. Bergh or designate)
LP Liaison Physicist for the Linac (D. Raparia)
BLE BLIP Liaison Engineer (S. Pontieri or designate)
OC Operations Coordinator
RSCC Radiation Safety Committee Chairman (D. Beavis)