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Date: 1/11/06

RSC Check-Off List to Inhibit and Prevent Beam Entering into the U Line with protons circulating in the AGS

Completion of this check-off list is a prerequisite for AGS operation when no Extracted beam is required in any part of the U line.

1. _____(LP_FEB) H10 ejector magnet power supply LOTO

   _____(Tag #) _____(Date/Time)
   _____(Lock #) _____(Person)

2. _____(LP_FEB) UD1 and D2 (UARC4) power supply LOTO

   _____(Tag #) _____(Date/Time)
   _____(Lock #) _____(Person)

NOTE: When **both** the [G09C_DC Bump] and [H11C_DC Bump] are in RSC LOTO, EITHER the H10 ejector (item #1 above) **OR** UD1&2 (item #2 above) (NOT BOTH) may have the RSC LOTO removed.

The following RSC LOTO (items #3 and #4 below) are in place of, (Liaison Physicist initial only ONE of the items in the line below).

_____(LP_FEB) H10 ejector **OR** _____(LP) UD1&2

3. _____(LP_FEB) G09C_DC bump power supply LOTO

   [G09C_DC] _____(Tag #) _____(Date/Time)
   _____(Lock #) _____(Person)

AND

4. _____(LP_FEB) H11C_DC bump power supply LOTO.

[H11C_DC] _____(Tag #) _____(Date/Time)
_____(Lock #) _____(Person)

Comments:_____
_____
_____

5. _____(ACG) Beam Interlocks to prevent High Intensity Beam in AGS certified.

6. _____(ACG) NM051 (access by UGE1 Gate)
   a) chipmunk interlock ENABLED
   b) Unit to be positioned under the U line beam pipe.

7. _____(ACG) NM078 (access by UGE1)
   a) chipmunk interlock ENABLED
   b) Unit to be positioned on the FEB 0° spur.

8. _____(ACG) Chipmunks listed in items #6 and #7 above, functional, tests of interlock complete, are monitored by computer, and function correctly.

9. _____(LP_FEB) Chipmunk radiation monitors listed in items #6 and #7 above in place.

10. _____(RCT) Radiation Postings on UGE1 Gate and UGI1 (Interior to U line) Gate.

LP_FEB	Liaison Physicist FEB (N. Tsoupas or designate)
ACG	Access Control Group (J. Reich or designate)
RCT	Radiation Control Technician