

SEB "A2" PRIMARY CAVE SWEEP CHECKLIST

(Team Leader) _____ (Operator 2) _____

Time: _____ Date: _____

Warning:

If any personnel are encountered during the sweep, **then** they will remain with the sweeper or the sweep shall be aborted. **If** the sweep is aborted **then** the person(s) must be escorted out of the cave by unlocking and opening the "A2" Primary Cave Gate.

Prerequisites

- Two Operators to perform the sweep
- BNL keys, Nos. 14, H693
- C-A-OPM-ATT 4.56.m-- SEB "A2" PRIMARY CAVE SWEEP CHECKLIST (1 page)
- Controlled Access enabled by simultaneous operation of H693 key switch & MCR_2-1S2 push-button
- TLD, Alarming (chirping) Self Reading Dosimeter (SRD)

Check

____ 1. Both Operators enter "A2" Primary Gate (BNL 14 key).

Warning:

The gate cannot be locked behind you.

____ 2. Operator 2 stands static watch in labyrinth by standing next to A2D5.

____ 3. Team Leader sweeps to the right, (upstream) through the labyrinth and into the cave to A2Q7, where to the A2 cave ends.

____ 4. Team Leader sweeps downstream (beam left in A2) and searches under the A2 magnets.

____ 5. Team Leader searches under A2Q9 and the Decay tank, imbedded in the shielding, before re-entering the labyrinth.

____ 6. Team Leader sweeps downstream through the labyrinth, turns right and verifies that the mesh barrier under A2D5 is in place.

____ 7. Both Operators sweep through the A2 Primary Gate.

____ 8. Lock and reset (BNL 14 key) the "A2" Primary Gate.

____ 9. The following lights will be lit (check them off) on the gate reset station when the gate is reset:

- Door Switch
- Bolt Switch
- Emergency Switch
- Reset
- Redundant Door Switch

____ 10. Verify with MCR that A2 Primary Gate is reset by viewing the indicator at MCR_2-1S9.

____ 11. File the checklists in the Completed Sweep Checklist Binder.