

If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.bd NSRL Experimental Area (Z1) Sweep Checklist

| C-A-OPM Procedures in which this Attachment is used. | | |
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| 4.56 | | |
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Hand Processed Changes

| <u>HPC No.</u> | <u>Date</u> | <u>Page Nos.</u> | <u>Initials</u> |
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Approved: _____ ***Signature on File*** _____
 Collider-Accelerator Department Chairman Date

P. Ingrassia

NSRL EXPERIMENTAL AREA (Z1) SWEEP CHECKLIST

(Team leader) _____ (Operator 2) _____

Time: _____ Date: _____

Warning:

IF any personnel are encountered during the sweep, **THEN** determine whether their work will be completed in a short time. **IF** the work will take a long time, **THEN** contact the OC to see if the sweep should be aborted.

Prerequisites

- Two persons to perform the sweep,
- NSRL Experimental Area Sweep Checklist for C-A-OPM-ATT 4.56.bd (one sheet)
- TLD
- Keys: Sweep/Reset (EB021) key, Controlled Access (CA) (EB020) key
- NSRL Experimental Area set to Controlled Access.

Check

- ___ 1. Team Leader contacts MCR to verify that NSRL experimental area is on Controlled Access.
- ___ 2. Sweep Team goes to NSRL experimental area gate (BGE1) – building 958.
- ___ 3. Team Leader requests simultaneous release from MCR.
- ___ 4. Team Leader opens BGE1 gate turning the CA(EB020) key clockwise, in the OPEN key-switch.
- ___ 5. Sweep Team enters the gate and closes the door behind.
- ___ 6. Sweep Team walks down the labyrinth to the place where the labyrinth joins the experimental area.
- ___ 7. Operator two stands static watch at the mouth of the labyrinth.
- ___ 8. Team Leader walks around the far side of the experimental area opposite from BGI1 (beam right).
- ___ 9. Team Leader starts the sweep by resetting the check station 1CS1 with the S/R (EB021) key in the SWEEP key switch.
- ___ 10. Observe the amber AREA SECURED light will be lit for 2 seconds.
- ___ 11. Team Leader sweeps upstream to the east wall.
- ___ 12. Team Leader resets the check station 1CS2 with the S/R(EB021) key in the SWEEP key switch.
- ___ 13. Team Leader observes the amber AREA SECURED light will be lit for 2 seconds.
- ___ 14. Team Leader sweeps out from behind the experimental target area and joins Operator 2.
- ___ 15. Sweep Team sweeps out of the enclosure and up the labyrinth to gate BGE1.
- ___ 16. Team Leader ends sweep by resetting check station 1CS3 (BGE1-I box) with the S/R(EB021) key in the SWEEP key switch.

CONTINUED ON REVERSE SIDE

- ___17. Observe the amber AREA SECURED light will be lit.
- ___18. Team Leader requests simultaneous release from MCR.
- ___19. Sweep Team sweeps out BGE1.
- ___20. Team Leader resets the BGE1 gate at the BGE1 gate box by turning the S/R(EB021) key in the RESET key-switch.
- ___21. Observe the GATE RESET light will be lit and remain on.
- ___22. Observe the amber AREA SECURED light will be lit and remain on.
- ___23. Team Leader verifies with operator in MCR that zone is swept and gate reset.
- ___24. Team Leader files completed checklist in Completed Sweep Log binder.