

*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.ay Y Line Sweep Checklist

Text Pages 2 through 3

C-A OPM Procedures in which this Attachment is used.		
4.56		

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, W. MacKay

Y Line Sweep Checklist

Sweeper _____

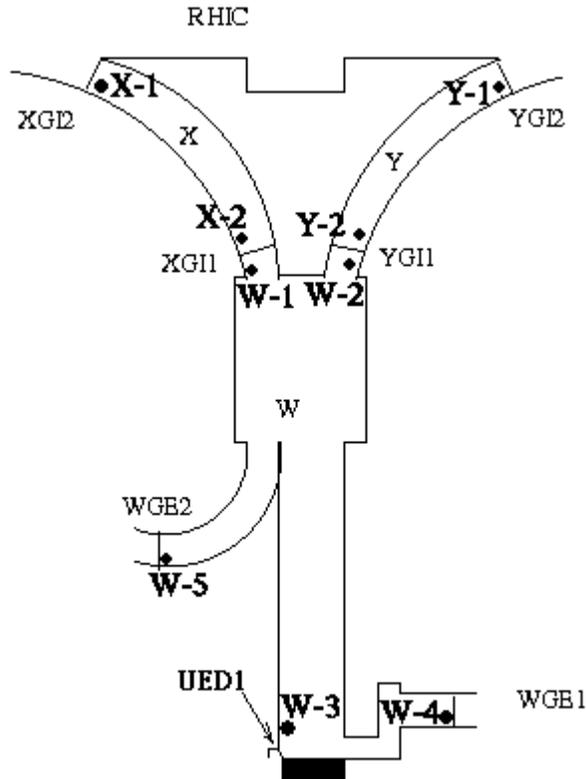
Time: _____ Date: _____

Warning:

IF any workers are encountered during the sweep, **THEN** contact the OC to see if the sweep should be aborted. Workers shall leave the enclosure **WITH** the Sweeper. **IF** the workers crash out of the enclosure **AND** do not exit with the Sweeper, **THEN** the sweep shall be re-started.

Prerequisites

- One person to perform the sweep,
- C-A-OPM-ATT4.56.ay Y line Sweep Checklist (two pages)
- Walkie-talkies
- All Doors closed THEN Y line set to Controlled Access
- Keys: Injection Sweep Reset key S/R013, Controlled Access key CA012, RHIC Sweep Reset key S/R 015.



CONTINUED ON REVERSE SIDE

check

- ___1 Sweeper goes to gate YGI1, from WGE2
- ___2 Sweeper requests simultaneous release from MCR.
- ___3 Sweeper opens YGI1 gate by turning the S/R015 key clockwise, in the Controlled Access key-switch while Operator in MCR presses simultaneous release for YGI1.
- ___4 Sweeper walks to YGI2 door.
- ___5 Sweeper resets gate YGI2 using the S/R013 key in the Reset keyswitch on YGI2-I.
- ___6 Sweeper observes RESET lamp lights after RESET.
- ___7 Sweeper STARTS SWEEP by turning the S/R013 key CW in the SWEEP key-switch on YGI2-I (YCS2) (map Y-1).
- ___8 Sweeper observes AREA SECURED lamp blink once.
- ___9 Sweeper sweeps upstream to YGI1.
- ___10 Sweeper checks fan vent barrier is fixed in place at YD14
- ___11 Sweeper ENDS SWEEP by turning the S/R013 SWEEP key CW in the SWEEP keyswitch on YGI1-I (YCS1) (map Y-2).
- ___12 Sweeper observes the yellow SWEEP lamp is lighted
- ___13 Sweeper contacts MCR for simultaneous release for gate YGI1.
- ___14 Sweeper sweeps out Y Line through YGI1.
- ___15 Sweeper resets gate YGI1 using the S/R013 key in the Reset keyswitch at YGI1 on W line side
- ___16 Sweeper observes the yellow RESET lamp is lighted
- ___17 Sweeper contacts MCR and confirms that gates are reset and Y line indicates sweep is good.

Note:

IF the AREA SECURED, and GATE RESET lamps are not lit THEN contact MCR to verify that gate(s) are reset and sweep is good

- ___18 After returning to MCR and verifying that all information is filled out completely, Sweeper files the checklist in FY_xx Sweep Log binder.