

*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 available by contacting the ESSHQ Procedures Coordinator, Bldg. 911A*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

18.9.1.a ERL Klystron System (912) Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
18.9.1		

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

A. Zaltsman

ERL Klystron System (912) Sweep Checklist

(Team leader) _____ (Operator2) _____

Time: _____

Date: _____

Prerequisites

- Two persons to perform the sweep,
- ERL Klystron System Sweep Checklist for [C-A-OPM-ATT 18.9.1](#) (one sheet);
- Only people with Electrical Work Training allowed to perform sweep;
- Only A.Zaltsman, R. Lambiase, N. Laloudakis and D. Phillips can be Sweep Leader;

Check

- ____ 1. Sweep Leader initiates the sweep from the klystron enclosure;
- ____ 2. Sweep team verifies no people are in the klystron enclosure;
- ____ 3. Sweep Leader closes the double door, ensuring that stationary part of the double door is secured with hinges (top and bottom) and locks it with the kirk key;
- ____ 4. Sweep leader removes the kirk key.
- ____ 5. Sweep Team walks to the East double door of the klystron PS enclosure
- ____ 6. Team Leader starts the sweep of the klystron PS enclosure by positioning himself at the door, facing the room.
- ____ 7. Second person walks around transformers and power columns counter clock wise.
- ____ 8. Sweep leader checks that stationary half of the east double door and both halves of the north double door are secured with the top and floor hinges and the North door kirk-locked from inside;
- ____ 9. Sweep Team exits the room and locks it with the kirk lock.
- ____ 10. Sweep Leader files completed checklist in Completed Sweep Log binder kept in the ERL control room.