

LSU/CAMD Procedure

Doc. ID:

OP-PR-0011.001.doc

End Shutdown

Date:

2000/11/30

The duties of this document are specifically assigned to the Radiation Safety Officer or his/her designate.

1. If interlock tests are scheduled as part of the shutdown activities send an e-mail announcement of pending interlock testing to staff so that they will not be caught off guard when they are denied access to the storage ring area during testing. This should be sent 48 hours and again at 24 hours prior to the testing.
2. Verify all shielding is still in place and in the proper configuration.
3. Remove all ladders from the experimental hall.
4. Return gun and modulator permit keys to the cabinet in the Linac tunnel (U10 cabinet), but do not engage.
5. Return RF and Magnet test keys, (if necessary), and inform operations staff. Announce that operations will begin shortly.
6. Prepare survey sheets and instruments.
7. Complete a radiation survey during injection.
8. Verify there are no radiation hotspots. If no hotspots, proceed directly to item nine on this checklist.
 - a. If hot spots are found, post warnings and AutoCAD drawings indicating hot spots/exclusion areas during injection at each entrance to the CAMD experimental hall, and send e-mail to the CAMD user community indicating that administrative controls are in effect. Operations should cease until all areas have been adequately posted and notifications have been sent.
 - b. Use radiation tape to indicate potential hazard areas.
 - c. Continue to monitor until radiation doses are within normal limits, then remove warnings and notify user community.
9. Conduct survey during stored beam.

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10. Verify the radiation limits are within normally accepted values. If not within acceptable limits post warnings at all entrances, including AutoCAD drawings and send e-mail to user community to indicate that administrative controls are in effect.



Date of checklist completion

Signature of person responsible for checklist

Authorization:

F. Josef Hormes

Date

Benjamin Craft III

Date

Marie-Lorraine Marceau-Day

Date