

Prepared by: A. Drees (A. Drees), Date: 7/16/14
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CeC RS Check-off List for Operation without Beam in RHIC, 2014

LOTO

Locks can be removed when RS check-off list is complete.

1. _____ (LP) Appropriate CeC device LOTO.
 lock# _____ tag# _____ date _____ person _____

ACCESS CONTROL

2. _____ (ACG) 2 o'clock access control systems functional.
3. _____ (ACG) PASS system updated to include CeC specific items.
4. _____ (ACG) ECN for updated state table signed.
5. _____ (ACG) ECN for wiring and PLC software signed.
6. _____ (ACG) Bypasses as discussed with RSCC.

FENCE AND BUILDING POSTINGS

Sign-A	Tunnel Gates: Caution, Radioactive Materials Area, Controlled Area, Entry Requirements: TLD, Exit Requirements: Activation Check
Sign-D	Fence Gates: Contact MCR for Entry x4662
Sign-F	Shielding: Caution, No Climbing, No Ladders
Sign-G	Roof Ladder Access: Controlled Area, TLD required. Contact Building Manager for Access
Sign-H	Radiation Barriers (Patio Blocks): Caution, Facility Boundary, Contact Liaison Engineer Before Removal"

7. _____ (RCD) RHIC tunnel access gates except 2GE1 posted with Sign-A.
8. _____ (RCD) Barriers around survey shafts on collider berm outside fenced areas around IR2 (if any) posted with Sign-H.
9. _____ (RCD) Fence gates at 2 o'clock IR posted with Sign-D.
10. _____ (RCD) Ladder cover on 2 o'clock support building posted with Sign-G.
11. _____ (RCD) Verify special posting exists on blocks at 2 o'clock IR which reads Sign-F. Area outside roped off and posted F.

SHIELDING

12. _____ (LE) Shielding blocks in place at 2 o'clock IR.
13. _____ (LE) Two 4 ft. high cable way labyrinths exist at 2 o'clock.

READINESS FOR CEC OPERATION:

14. _____ (RGDC) Warm cavities registered as RGDs.
15. _____ (LP) Will request survey when cavities excited.
16. _____ (LP) RHIC ready for CeC operation without beam in RHIC.
17. _____ (MSGL) Checklist complete.

When this Check-Off List is complete CeC can be operated without beam in RHIC.
 Note: NO chipmunks required.

TABLE 1. KEY

ACG	Access Controls Group: J. Reich or designee
LE	Liaison Engineer: C. Folz
LP	Liaison Physicist: I. Pinayev
MSGL	Maintenance Support Group Leader: P. Sampson
RCD	Radiological Control Division
RGDC	RGD Custodian: A. Etkin
RSCC	Radiation Safety Committee Chair: D. Beavis