

FEL Rapid Access Conditions

1. Only **RCTs** may reduce the posting level of the vault to **non-RCA**. This may be done for maintenance periods lasting **three work days or more or if authorized by the RCM**. Otherwise the vault will remain posted as an RCA/dosimetry required.
2. The region west of the last crossover “bridge” (enclosing dump area as well as a section of the third cryomodule) will be “semi permanently” posted as “Danger, do not enter, potential high radiation area, this area has not been surveyed” or words to that effect.
3. ARMs may survey and de-post the aforementioned HRA if extended access needs exist, or they may provide partial surveys for incidental entries during controlled accesses.
4. If the aforementioned “potential HRA” is de-posted in accordance with the above, it is the responsibility of FEL operations staff to replace the boundary/postings prior to operations. This will be documented on the Pre-operational checklist (**to be performed by FEL operations personnel vice RCG personnel.**)
5. Controlled Accesses may be conducted without surveys provided the Rapid Access System beacon is not illuminated. **NOTE:** Operability of the system must be verified during first entry by depressing the “test” button.
6. Any hands-on beamline work during Controlled Access requires a survey of the area(s) affected.
7. Changing state to **Restricted Access** requires a **full survey of the vault**. **NOTE:** The state change does **NOT** automatically invoke a posting reduction. (**See item 1.**)
8. RCT weekly survey for 3 months to verify functionality of the system (i.e., there are no radiation areas “undetected” by the Rapid Access System.)
9. Violation of the Rapid Access System (i.e., entry into the FEL **without a survey when a probe is alarming/flashing**) will result in loss of the Rapid Access System.