

**10A NCAC 15 .0908 OPERATING PROCEDURES**

- (a) Particle accelerators, when not in operation, shall be secured to prevent unauthorized use.
- (b) Only a switch on the accelerator control console shall be routinely used to turn the accelerator beam "on" and "off". The safety interlock system shall not be used to turn off the accelerator beam except in an emergency.
- (c) All safety and warning devices, including interlocks shall be checked for proper operability at least every six months unless more frequent checks are required by the agency. Results of such tests shall be maintained for two years at the accelerator facility for inspection by the agency.
- (d) Electrical circuit diagrams of the accelerator, and the associated interlock systems, shall be kept current and maintained for inspection by the agency.
- (e) If, for any reason, it is necessary to intentionally bypass a safety interlock or interlocks, such action shall be:
  - (1) authorized by the radiation safety officer;
  - (2) recorded in a permanent log and a notice posted at the accelerator control console and at the location of the bypassed interlock; and
  - (3) terminated as soon as possible.
- (f) A copy of the current operating and the emergency procedures shall be maintained at the accelerator control panel.

*History Note: Authority G.S. 104E-7;  
Eff. February 1, 1980;  
Transferred and Recodified from 15A NCAC 11 .0908 Eff. February 1, 2015.*