

1 10A NCAC 15 .0906 is readopted as published in 39:19 NCR 1225-1262 as follows:

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3 **10A NCAC 15 .0906 CONTROLS AND INTERLOCK SYSTEMS**

4 (a) Instrumentation, readouts and controls on the particle accelerator control console shall be clearly identified and
5 easily discernible.

6 (b) All entrances into a target room or other high radiation area shall conform to the requirements of Rule ~~4615.1601~~
7 of this Chapter.

8 (c) When an interlock system has been tripped, it shall only be possible to resume operation of the accelerator by
9 manually resetting ~~controls at the position where the interlock~~ that has been ~~tripped~~ tripped, and, subsequently at the
10 ~~main control console.~~

11 (d) Each safety interlock shall operate independently of all other safety interlocks.

12 (e) All safety interlocks shall be fail-safe, i.e., designed so that any defect or component failure in the interlock system
13 prevents operation of the accelerator.

14 (f) A "Scram button" or other emergency power cut-off switch shall be located and easily identifiable in all high
15 radiation areas and at the control console. Such a cut-off switch shall include a manual reset so that the accelerator
16 cannot be restarted from the accelerator control console without first manually resetting the cut-off switch.

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18 *History Note: Authority G.S. 104E-7;*

19 *Eff. February 1, 1980;*

20 *Amended Eff. January 1, 1994;*

21 *Transferred and Recodified from 15A NCAC 11 .0906 Eff. February 1, ~~2015~~, 2015;*

22 *Readopted Eff. October 1, 2025.*