Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 9. Radiation Safety Requirements for Particle Accelerators.

28-35-317. 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 intervals not to exceed three (3) months. Results of such tests shall be maintained for inspection at the accelerator facility.

(D) Electrical circuit diagrams of the accelerator, and the associated interlock systems, shall be kept current and maintained for inspection by the department and available to the operator at each accelerator facility.

(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 committee and/or radiation safety officer;

(2) recorded in a permanent log and a notice posted at the accelerator control console; 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.

(Authorized by K.S.A. 1975 Supp. 48-1607; effective May 1, 1976.)

***** Authenticated Kansas Administrative Regulation *****