**Section 346.270 Fire Protection**

a) The radiation room at a panoramic irradiator shall have heat and smoke detectors. The detectors shall activate an audible alarm. The alarm shall be capable of alerting personnel prepared to summon assistance promptly. The sources shall automatically become fully shielded if a fire is detected.

b) The radiation room at a panoramic irradiator shall be equipped with a fire extinguishing system capable of extinguishing a fire without the entry of personnel into the room. The system for the radiation room shall have a shut-off valve to control flooding into unrestricted areas.

c) For fire suppression systems using an extinguishing gas, the radiation room ventilation system shall automatically shut down when the suppression system is activated.