

#### **455B.335A Pathological waste incineration facilities radioactive materials requirements.**

1. The director shall require that a person who operates or proposes to operate a waste incinerator which provides for the incineration of pathological radioactive materials conduct dispersion modeling, under the direction of the Iowa department of public health, for radiological isotopes to measure the emission levels of alpha and gamma rays. The director shall allow a three-month period during which time the operator or person proposing operation of such an incinerator shall conduct the required dispersion modeling. In order to initiate or continue such incineration, the results of the modeling shall provide that the existing incinerator meets or the proposed incinerator will meet the emission standards established by the United States environmental protection agency for a selected isotope.
2. The department shall conduct a public hearing following submission to the director of the results of the dispersion modeling conducted by an operator or person proposing operation of a waste incinerator which provides for or will provide for the incineration of pathological radioactive materials.
3. If the dispersion modeling results do not meet the standards for emission limitations prescribed under subsection 1, the director shall require the operator or the person who proposes to operate a waste incinerator which provides for the incineration of pathological radioactive materials to employ or conduct an additional dispersion modeling test employing the best available control technology. Following employment of the best available control technology or the conducting of the additional dispersion modeling, if the incinerator or proposed incinerator does not or will not meet the standards prescribed under subsection 2, the operator's permit for incineration of pathological radioactive materials shall be revoked or the permit for such proposed incineration shall be denied.