**Section 335.7080 Decay of Brachytherapy Sources**

a) Only an authorized user qualified under Section 335.9100 or equivalent U.S. Nuclear Regulatory Commission or Agreement State requirements, or an authorized medical physicist shall calculate the activity of each brachytherapy source that is used to determine the treatment times for brachytherapy treatments. The decay must be based on the activity determined under Section 335.7070 of this Part.

b) A licensee shall maintain a record of the activity of all brachytherapy sources required by this Section for the life of the source. The record must include:

1) The manufacturer, model and serial number (or lot number for permanent implants) of the sources;

2) The date and initial activity of the source as determined under Section 335.7070 of this Part; and

3) For each decay calculation, the date and the source activity as determined under this Section.

(Source: Amended at 48 Ill. Reg. 13672, effective August 29, 2024)