**Section 340.1045 Decay-In-Storage**

A licensee may store waste containing or composed of radioactive material with a physical half-life of less than 120 days for "decay-in-storage" before disposal as normal waste without regard to its radioactivity if it:

a) Holds the radioactive material for a minimum of 10 half-lives; and

b) Pursuant to Section 340.510(a) and (b), performs radiation surveys prior to disposal of the radioactive material to ensure that the material's radioactivity cannot be distinguished from background radiation levels. The package/container surface shall be surveyed with an appropriate radiation detection survey instrument set on its most sensitive scale, with no interposed shielding between the detector and the material, in a low background radiation environment; and

c) Maintains records of monitoring to include: date of disposal; date placed in storage; manufacturer, model and serial number of the survey instrument used; background radiation levels; and measured radiation levels; and

d) Records the identity of the individual performing the monitoring; and

e) Removes or obliterates all radiation labels.

(Source: Amended at 35 Ill. Reg. 934, effective December 30, 2010)