

Table of Acceptable Segregation Categories for Low-Level Radioactive Waste

Standard Operating Procedure

Revision Date: 06/19/18

Use a separate container for each category. In some instances, Environment, Health & Safety may require further segregation as necessary for safe handling.

LONG-LIVED ISOTOPES (> 90 DAYS HALF-LIFE)

Category A	H-3 and/or C-14
Category B	Na-22, Cl-36, Ca-45, Co-57, Co-58, Fe-59, Co-60, Ni-63, Sr-90, Tc-99, Sn-113, and/or Cs-137, etc. (excluding H-3 and C-14)

INTERMEDIATE-LIVED ISOTOPES (> 14 days - Less than or equal to 90 days half-life)

Category C	S-35, P-33, Sc-46, Cr-51, Sr-85, Rb-86, Ru-103, and/or Ce-141, etc.
Category D	I-125, P-33, Sc-46, Cr-51, Sr-85, Rb-86, Ru-103, and/or Ce-141, etc.

SHORT-LIVED ISOTOPES (< 14 days half-life)

Category E	P-32, C-11, F-18, Na-24, Br-82, Y-90, Nb-95, Tc-99m, In-111, I-131, and/ or Tl-201, etc.
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