

# SOLID RADIOACTIVE WASTE



## ANIMALS / TISSUES

- Bag
- Tag
- Freeze

## VERY SHORT-LIVED HALF-LIFE

< 15 days  
(<sup>32</sup>P, <sup>99m</sup>Tc, <sup>131</sup>I)

## SHORT-LIVED HALF-LIFE

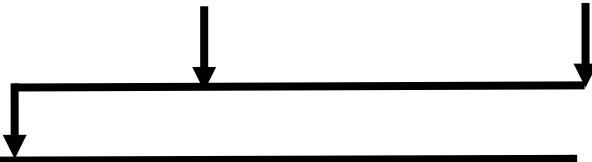
< 90 days  
(<sup>33</sup>P, <sup>35</sup>S, <sup>51</sup>Cr, <sup>125</sup>I)

## LONG-LIVED HALF-LIFE

> 90 days  
(<sup>3</sup>H, <sup>14</sup>C)

## SOURCE VIALS and/or LEAD PIGS

- Bag
- Tag
- Vial Consignment Sheets returned with vials



- Liquid Scintillation Vials**
- Combustible (<sup>32</sup>P, <sup>99m</sup>Tc, <sup>131</sup>I)**
  - Bag
  - Tag
  - Seal
- Combustible (<sup>32</sup>P, <sup>35</sup>S, <sup>51</sup>Cr, <sup>125</sup>I)**
  - Bag
  - Tag
  - Seal
- Non-Combustible**
  - Bag
  - Tag
  - Seal
- Sharps**
  - Tag
  - Seal in puncture resistant container

Empty and Recap Vials

- Glass**
  - Bag
  - Tag
  - Seal
- Plastic**
  - Bag
  - Seal
  - Tag
- Liquid in Waste Container**  
If not biodegradable, deposit to hazardous/rad waste

- Combustible**
  - Bag
  - Tag
  - Seal
- Non-Combustible**
  - Bag
  - Tag
  - Seal
- Sharps**
  - Tag
  - Seal in puncture resistant container
- Liquid Scintillation Vials**

**Plastic**  
Do not Empty if biodegradable and <sup>3</sup>H or <sup>14</sup>C

**Glass**

Empty and Recap Vials

- Glass**
  - Bag
  - Seal
  - Tag
- Plastic**
  - Bag
  - Seal
  - Tag
- Liquid in Waste Container**  
If not biodegradable, deposit to hazardous/rad waste

Do not mix incompatible wastes!