

Radioactive Materials Shipping

UECVP

Isotope Lab

The only radioactive material that is to be inside the lab when it is shipped is the sealed “external” standard source inside the Perkin-Elmer Liquid Scintillation Counter (Eu-152, 12uCi) and the calibration standards in the storage drawers below (H-3 and C-14, each < 0.05uCi).

These sources do not meet the regulatory definition of “radioactive” for the purposes of transportation per the requirements of the DOT Hazardous Material Regulations, IATA Dangerous Goods Regulations, and the Regulations of the International Atomic Energy Agency. Specifically, the radioactive material does not exceed both the exempt concentration value and the exempt activity limits shown in 1) Section 173.436 of the Title 49 Code of Federal Regulations and 2) Section 10.4.2.1 of the IATA Dangerous Goods Regulations.

Any questions or concerns regarding the shipment of these sources should be directed to the University of Delaware Radiation Safety Officer (Bill Fendt) at 302-831-8475 or wfendt@udel.edu

All other radioactive materials- including any materials brought onboard, all scientific samples, and any waste generated during the use of the lab- are to be removed from the lab prior to it being shipped.

REMEMBER

! REMOVE EVERYTHING FROM LSC BEFORE SHIPPING – OTHERWISE CARRIAGE MIGHT BE DAMAGED DURING TRANSIT !