

Chemistry Department Standard Operating Procedure

Title: Radioactive Materials

Updated: October 2010-Prabha Dwivedi

Handling and ordering of radioactive materials is laboratory specific and as such each laboratory that handles radioactivity must develop standard operating procedures for the laboratory.

Prior to ordering radioactive material the Principle Investigator must file a form indicating intent to work with radioactive material including isotope, and quantity allowable in laboratory.

Every individual working with radioactive material is required to take the radiation safety course offered by the Radiation Safety Office.

Each laboratory is responsible for maintaining a log of the radioactive isotopes in the laboratory and quantities. When a new radioactive material comes into the laboratory the Radiation Safety Office includes a quantity report and a radiation survey report. This must be kept on file until that shipment has been used up.

Radioactive waste must be collected in designated radioactive waste containers. Work with radioactive materials may only be done in designated areas, and the areas must be clearly marked.

Every researcher who works with radioactivity must wear a survey badge or other monitor for exposure to radiation.

For more specific information see the safety policies and procedures manual or go online to http://www.wsu.edu/manuals_forms/PDF/SPPM/S90-55.pdf