



## Physics Division ESH Bulletin 94-2

### **WASTE GENERATED IN RADIOACTIVE MATERIALS STORAGE AREAS AND/OR RADIOLOGICAL AREAS**

Physics Division Facility Managers are encouraged to establish a methodology that will ensure wastes generated in Radioactive Material Storage Areas and/or Radiological Areas are surveyed by Health Physics before disposal. Building 6000 will use trash cans labeled "suspect-rad" waste in appropriate areas to ensure that wastes are not disposed of without the necessary Health Physics surveys. Please use the following methodology in Building 6000 for collecting wastes that must be checked by Health Physics:

Place a clear plastic trash bag inside a clear plastic rad-waste bag with yellow and magenta markings. Collect trash from Radioactive Material Storage Areas and/or Radiological Areas in this double-bag configuration. Trash cans labeled "suspect-rad" waste are provided for your convenience. Please ensure that these trash cans contain the double-bag for collecting trash. Bags are available near the first floor elevator of Building 6000. (Or ask the Health Physics technician for bags.)

Leave the "suspect-rad" waste you have collected inside the area. Health Physics will check the trash. If the trash has no detectable radiation, the outer rad-waste bag will be removed (and can be used again). The clear trash bag will then be green-tagged and placed outside the door of the area. Janitors will not remove trash bags from Radioactive Material Storage Areas or Radiological Areas.

A large amount of waste is being generated in the Building 6000 beam transport/target rooms. Much of this waste is packaging. Packaging brought into a target room cannot be thrown in the dumpster until it has been checked by Health Physics. Please unpackage items before taking them into the target rooms. Leave the packaging outside of the room. This practice will eliminate a large percentage of the waste generated in the target rooms and will ease the burden on our Health Physics technician.

Waste-items that have actually been in the Building 6000 beam lines need to be collected and segregated from other trash immediately upon generation. These items are the most likely to be activated or contaminated. Containers have been placed near the elevator on the first floor of Building 6000 for collection of (1) copper gaskets, (2) aluminum foil, and (3) insulated wire. (Insulated wire may contain PCBs and is to be collected separately from other metal scrap pending guidance on proper disposal.)