

2

ITEM 15

GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL

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HEALTH PHYSICS
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HSWP-QHP
MEMO #5

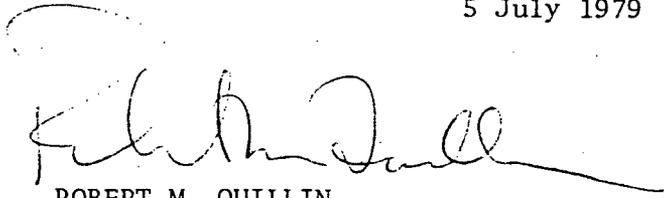
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GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL

1. Following are general rules for the safe use of radioactive materials:
 - a. Wear laboratory coats or other protective clothing at all times in areas where radioactive materials are used.
 - b. Wear disposable gloves at all times while handling radioactive materials.
 - c. Monitor hands and clothing for contamination after each procedure or before leaving the area.
 - d. Do not eat, drink, smoke, or apply cosmetics in any area where radioactive material is stored or used.
 - e. Wear assigned personnel monitoring device(s) at all times while in areas where radioactive materials are used or stored. Whole body monitoring device(s) should be worn at chest or waist level.
 - f. Dispose of radioactive waste only in specially designated receptacles.
 - g. Never pipette by mouth.
 - h. Confine radioactive solutions in covered containers plainly identified and labeled with name of compound, radionuclide, date, activity, and radiation level, if applicable.
 - i. Always transport radioactive materials in appropriate shielding containers.
2. Following are additional general rules specifically applicable to preparation and use of radioactive materials for human use.
 - a. Use syringe shields for preparation of patient doses and administration to patients except in circumstances such as pediatric cases when their use would compromise the patient's well-being.
 - b. Assay each patient dose in the dose calibrator prior to administration. Do not use any doses that differ from the prescribed dose by more than 10%.
 - c. Wear TLD finger badges during elution of generator and preparation, assay, and injection of radiopharmaceuticals.
 - d. Survey generator, kit preparation, and injection areas for contamination after each procedure or at the end of the day. Decontaminate if necessary.

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