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Radiation Safety Training Update

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RAM Inspection get-ready tips (top 12)

- 1) Maintain radioactive material shipment, inventory, and waste documentation: "Cradle to Grave" management
- 2) Keep records of any sink disposal – send to RPS
- 3) Do not eat, drink, or store food in the Radiation Control Area
- 4) Practice Methods of Radiation Protection & Control on a daily basis: (PPE, Personnel Monitoring if required, Shielding, Area contamination surveys & end of the day surveys
- 5) Return film badges / rings by due date
- 6) Clearly mark all radiation control areas
- 7) Make sure all lab personnel are trained and authorized to work with radioactive material
- 8) All internal and external transfers of radioactive material are to be coordinated through RPS
- 9) Secure unattended labs and all sources of radioactive material from unauthorized personnel
- 10) Document all unusual incidents in the lab and discuss fully at lab staff meetings
- 11) Keep your Radiation Safety Logbook up-to-date
- 12) Low Level Radioactive Waste Management
 - a. Fill out completely all waste cards, including decay-in-storage records
 - b. Don't fill liquid waste past 3 gallon limit on poly containers
 - c. Call RPS to remove all unknowns and any legacy waste
 - d. Clear out old isotopes from freezers
 - e. Survey regular trash for the presence of radioactive waste

More prep questions:

- 1) Where is your Radiation Safety Logbook located? (all lab personnel should be able to locate it)
- 2) What is the annual whole body maximum permissible exposure limit (ans-5,000 mRem)
- 3) What is the annual extremity maximum permissible exposure limit? (ans-50,000 mRem)
- 4) What is the annual maximum permissible exposure limit for a member in the general public? (ans-100 mRem)
- 5) What State Agency licenses Stony Brook University (ans-NYSDOH/ Bureau of Environmental Radiation Protection)

Radiation Protection Services (RPS) contact numbers

- Main Office: 2-6410
- UH/HSC Office: 4-3196
- RSO: 2-9674
- Waste pick-ups: 2-9680
- Training: 2-9675
- GM Calibrations: 2-9680