Tennessee Department of Environment and Conservation
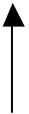Division of Radiological Health (DRH)
Agreement State

RSC (Management)

- Authorizes users
- Establishes policies
- Enforces regulation and policies
- Identify program problems and solutions
- ALARA program
- Ensures ionizing radiation used safely
- Reviews and approves protocols

VUMC Radioactive Materials Broadscope License and Machine-produced Radiation

RSO (Enforcement)

- Manages radiation program
- Identifies radiation safety problems
- Ensures compliance with regulations
- Initiates corrective actions
- Verifies implementation of corrective actions
- Ensures safe use of radiation

Radiation Safety (Operations)
Conception to grave control of RAM

Orders RAM	Receives RAM
Collection of RAM waste	Decay storage of RAM waste
Shipment of RAM waste	Radiation Worker Training
Shielding design and evaluation	Nuclear Medicine Audits
Radiopharmacy Audits	PET Facility Audits
Lab Audits	Monitors releases of RAM
Monitor radiopharmaceutical therapies	Decontamination of inpatient therapy rooms
Monitor Brachytherapies (I-125, Cs-137, Ir-192)	Monitors exposures to members of the general public
Radiation laboratory surveys	Maintain RAM inventory
Maintain training records	Maintain radiation survey records
Sealed source inventory	Sealed source leak test
Thyroid bioassays	Dosimetry
Instrument calibration	Performs NESHAP calculations
RAM spill response	Decommissioning & Decontamination
X-ray program oversight	

Office of Clinical and Research Safety