

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



***VU 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 | Lab Audits |
| Monitors releases of RAM | 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 and urinalysis | Dosimetry |
| Instrument calibration | Performs NESHAP calculations |
| RAM spill response | Decommissioning & Decontamination |
| X-ray program oversight | Safety tests on devices containing RAM |

**Office of Clinical
and Research Safety**

