



Material Control & Accountability and Nuclear Materials Management at Sandia National Laboratories

The Material Control & Accountability (MC&A) function at Sandia National Laboratories (SNL) **deters** and **detects** theft of **accountable nuclear material (ANM)** at **SNL** by ensuring all ANM is accounted for, and proper controls are in place for the use and storage of material.

Core Capabilities MC&A Include: Accounting and Measuring



Core Responsibilities of MC&A Include:

- Coordinating and leading physical inventories of Material Balance Areas (MBAs) for materials owned by SNL organizations.
- Managing the accounting tracking system for SNL's nuclear material inventory.
- Ensuring Tamper Indicating Devices (TIDs) are procured, stored, and applied.
- Coordinating development and approval of MBA Security Plans
- Developing, validating, and documenting measurement methods and control procedures.



The Nuclear Materials Management (NMM) function at SNL ensures **future material needs are met, programmatically sponsored**, and **efficiently utilized** at **SNL** by evaluating and analyzing project needs and providing material identification and characterization.

Core Capabilities NMM Include: Evaluation and Analysis



Core Responsibilities of NMM Include:

- Evaluating acquisition requests for receiving ANM from all SNL sites (NM, CA, and Tonopah Test Range).
- Partnering with various SNL organizations to identify and characterize materials for disposition and/or redistribution of ANM.
- Providing data analysis on SNL's NMM inventory to the Department of Energy (DOE) Headquarters.

