

## **THEFT OR LOSS OF RADIOACTIVE MATERIALS POLICY**

**Purpose:** The purpose of this policy is to insure that the proper authorities are notified in the case of lost or stolen radioactive materials.

**Policy:**

1. It is the policy of LSU Health Sciences Center's nuclear medicine department to have our "Hot Lab" containing all radioactive materials locked at times when there are no nuclear medicine technologists present in the Hot Lab.
2. Radioactive materials are inventoried on a daily basis.
3. In the case of any missing radioactive materials, the following authorities will be notified:
  - a. Radiation Safety Officer
  - b. Hospital Administrator or House Officer if after hours.
  - c. Nuclear Regulatory Commission by calling 800-952-677
  - d. State Department of Environment Compliance by calling (225) 765-0160
  - e. LSUHSC Security Office at 675-6165
  - f. Louisiana State Police or Shreveport Police by calling 911
4. Contain the area until the proper authorities arrive or advise otherwise.
5. Written Reports are due to the NRC and State department of Environmental Compliance Office within 30 days of making the telephone report.

Reference: NRC Regulatory Guide: 10cfr part 35

1. Immediate action must be taken if a source is found to be missing. Report missing sources immediately to the RSO. Trace missing packages from the carrier to security. Survey for missing or dislodged sources.
2. Lost or missing radioactive materials must be immediately reported to the regional NRC office as required by 20.2201. A telephone report is due immediately after occurrence if the lost, stolen or missing material is equal to or greater than 1,000 times the quantity specified in Appendix C to 20.1001-20-2401 under such circumstances that it appears to the licensee that an exposure could result to persons in unrestricted areas.

Louisiana Office of Environmental Compliance: Title 33, Part XV.485 Subchapter J. Reports  
Licensee must report stolen, lost, or missing radioactive material in an aggregate quantity equal to or greater than 1,000 times the quantity specified in LAC 33:XV.499.Appendix C under such

circumstances that it appears the licensee that an exposure could result to individuals in unrestricted areas.

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