



U.S. NRC Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

License Number: 44-00728-13

This is a follow up letter in regards to the University of Vermont's initial notification made June 9, 2009 pursuant to 10 CFR 39.35 (2)(d) due to the fact that a 10 mCi, Ni-63 electroplated foil sealed source, for the purpose of providing beta particle irradiation to discharge electrostatic charges was found to be leaking greater than allowable limit of 0.005 uCi.

**Source Information:**

Manufacturer: Amersham  
Model: NBC-34  
Serial #: 5697BT  
Activity: 10 mCi  
Calibration: 09/04/1985

**Corrective Actions:**

The Radiation Safety Office (RSO) removed the Ni-63 foil sealed source and it will be disposed. The RSO has completely decontaminated the inhalation chamber that was slightly contaminated from this leaking source. All areas in this lab have been surveyed and decontaminated as necessary. The radiation signage has been removed from the inhalation chamber and door leading into this room. This room is no longer listed as a radiation lab.

**Summary Conclusion:**

- All contaminated areas have been decontaminated.
- No personnel were contaminated or exposed to Ni-63.
- No release of Ni-63 to the surrounding labs or environment.
- The leaking source has been removed and awaiting disposal.

A full report of this incident will be completed and filed in the RSO.

This notification was prepared by Thomas Kellogg, Associate Radiation Safety Officer.

Keddy Bharathan  
Radiation Safety Officer

September 24, 2009  
Date

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cc. Domenico Grasso, Vice President for Research