TELEPHONE CONVERSATION RECORD	**Date:** April 19, 2005	**Time:** 14:00
Mail Control No.: N/A **Inspection No.:** 2005-001	**License No.:** 29-31017-01	**Docket No.:** 030-36867
Person Called: Peter Duch, M.D., Radiation Safety Officer	**Licensee:** Nuclear Cardiology Diagnostics	**Telephone No.:** 732-287-4252
Person Calling: Steven Courtemanche/(610) 337-5075		
Subject: Loss of Radioactive material.		

Summary: I left a message with the receptionist for either Dr. Duch or the nuclear medicine technologist to get back in touch with me about the licensee's report of lost dose calibrator reference sources.

13:15 I attempted to contact personnel regarding the lost sources and the receptionist was gone for the day. The recorded message did not allow for any contact with a person.

13:30 I spoke with Robert Tokarz, consulting medical physicist (732-735-4499). I asked Mr. Tokarz if he had any information on the cause of the loss of material and if any corrective actions have been put into place. Mr. Tokarz stated that in the process of cleaning out the hot lab, the nuclear medicine technologist inadvertently placed the dose calibrator reference sources into the plastic bag for trash. Then, without surveying the bag for radioactive material, placed the bag in waste designated for the dumpster. The cleaning operations took place on 4/13. The dumpster was picked up by the waste hauler either late on 4/13 or on 4/14. The licensee noted that the sources were missing on 4/15 and called the waste hauler. The waste hauler did not return the licensee's call until 4/19 and notified them that the waste had been delivered to Edgeborough Landfill on April 14. As of 4/19, the sources would be under several tons of trash and would not be recoverable. Mr. Tokarz stated that he has helped the licensee institute the following corrective and preventive actions: (1) Training was provided to the owner, the RSO/Authorized User, and the nuclear medicine technologist concerning the proper handling of radioactive materials. (2) Policy instituted to not remove anything from the hot laboratory for disposal without first surveying the waste. (3) Nuclear medicine technologist performed a dry run on how to use a survey meter which was observed by the consulting medical physicist and the RSO. (4) Consultant will monitor the licensed activities on a quarterly frequency.

4/20/2005 09:45 Kathy Ster, Office Manager called in response to my voice-mail of 4/19. I requested information concerning the make, model number and serial number of the lost dose calibrator reference sources. She stated that she would have the nuclear medicine technologists get back in touch with me.

14:30 Irina Nikaliuk, nuclear medicine technologist returned my call. She stated that she needed the help of the physicist to locate the paperwork concerning the sealed sources manufacturer, model number and serial number. She would call back when she had the information.

4/21/05 11:45 Ms Nikaliuk called Serial Nos. 224107T (Cs-137) 234402C (Ba-133).

Action Required/Taken: Place into ADAMS.

Prepared by Steven Courtemanche	**Date:** April 20, 2005