

**NMED Item Number: 060421**

**Narrative:**

**Last Updated: 09/25/2006**

The licensee reported the loss and recovery of a Niton x-ray fluorescence paint analyzer (model XL-300, serial #U2618) containing a Cd-109 source with an activity of 111 MBq (3 mCi). The analyzer was being shipped via Federal Express to Thermo Electron Corporation for source replenishment. The package arrived empty. The Federal Express RSO was notified and it was determined that the analyzer must have come out of the package at some point during shipment. The analyzer was recovered on 6/26/2006 at the Indianapolis, Indiana, Federal Express facility. The analyzer was shipped to Thermo Electron Corporation on 6/27/2006. Federal Express stated that there was no damage to the analyzer.

**Event Date:** 06/23/2006      **Discovery Date:** 06/26/2006      **Report Date:** 06/26/2006

**Licensee/Reporting Party Information:**

Regulated By: AGREEMENT STATE      Reciprocity: NONE  
 License Number: GENERAL LICENS      Name: DAYTON'S BLUFF NEIGHBORHOOD SERVICES  
 Docket Number: NA      City: SAINT PAUL  
 Program Code: NR      State: MN  
 Responsible NRC Region: 3

**Site of Event:**

Site Name: INDIANAPOLIS      State: IN

**Additional Involved Party:**

License Number: NON-LICENSEE      City: INDIANAPOLIS  
 Name: FEDERAL EXPRESS      State: IN

**Other Information:**

NRC Reportable Event: Y      Abnormal Occurrence: N  
 Agreement State Reportable Event: Y      Investigation: Y  
 Atomic Energy Act Material: Y      Record Complete: Y  
 Consultant Hired: N      Event Closed by Region/State: N

**Event Cause:**

LAS - LOST/ABANDONED/STOLEN  
 Cause: MANAGEMENT DEFICIENCY

**Corrective Actions Information:**

LAS  
**Number: Corrective Action:**  
 1      NO CORRECTIVE ACTION TAKEN

**Source/Radioactive Material Information:**

LAS  
 Source Number: 1  
 Source/Material: SEALED SOURCE GAUGE      Radionuclide: CD-109  
 Manufacturer: NR      Activity (Ci): 0.003  
 Model Number: NR      Leak Test Results (uCi): NA  
 Serial Number: NR

**Device/Associated Equipment Information:**

LAS

*B-21*

Device Number: 1  
Device/Equipment: FLUORESCENCE ANALYZER Model Number: XL-300  
Manufacturer: NITON CORP. Serial Number: U2618

**Reporting Requirement Information:**

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

**Keywords:**

LAS

**Keyword:** MATERIAL LOST AND FOUND**Keyword:** TRILATERAL TO CANADA**Reference Documents:**

Reference Document Number:	Entry Date:	Retraction Date:	Type of Report:
EN42667	06/29/2006		EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
LTR060915	09/19/2006		AGREEMENT STATE LETTER
LTR060918	09/19/2006		AGREEMENT STATE LETTER
LTR060919	09/19/2006		AGREEMENT STATE LETTER
LTR060421	09/25/2006		AGREEMENT STATE LETTER