

NMED Item Number: 020692**Narrative:****Last Updated:** 05/24/2006

The licensee reported that an annual audit revealed the loss of 348 MBq (9.4 mCi) of C-14. The material consisted of 167 mg of a research compound in dry powder form contained in a small vial (less than 20 ml in volume). The material was used for basic metabolic research purposes. The last accounting of the material was in December 1999. Despite a detailed search, the material could not be located. The licensee believes that the material was incinerated along with other radioactive waste, which would result in a maximum off-site dose of 0.27 uSv (0.027 mrem). To prevent recurrence, the licensee retrained department personnel, will perform more frequent inventories, and developed a standardized radioactive material tracking procedure.

Event Date: 12/01/1999 **Discovery Date:** 06/20/2002 **Report Date:** 07/19/2002

Licensee/Reporting Party Information:

Regulated By: NRC Reciprocity: NONE
License Number: 13-01133-02 Name: ELI LILLY & CO.
Docket Number: 03004330 City: INDIANAPOLIS
Program Code: 03611 State: IN
Responsible NRC Region: 3

Site of Event:

Site Name: INDIANAPOLIS State: IN

Additional Involved Party:

License Number: NA City: NA
Name: NA State: NA

Other Information:

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

Event Cause:

LAS - LOST/ABANDONED/STOLEN
Cause: MANAGEMENT DEFICIENCY

Corrective Actions Information:

LAS

Number: Corrective Action:

1 PERSONNEL RECEIVED ADDITIONAL TRAINING
2 PROCEDURE MODIFIED

Source/Radioactive Material Information:

LAS

Source Number:	1	Radionuclide:	C-14
Source/Material:	UNSEALED SOURCE LAB	Activity (Ci):	0.0094
Manufacturer:	NR	Leak Test Results (uCi):	NA
Model Number:	NA		
Serial Number:	NA		

Reporting Requirement Information:

LAS

Reporting Requirement: 20.2201(a)(1)(ii) - Lost, stolen, or missing licensed material in a quantity greater than 10 times the Appendix C quantities.

Keywords:

LAS

Keyword: MATERIAL LOST AND NOT FOUND**Reference Documents:**

Reference Document Number:	Entry Date:	Retraction Date:	Type of Report:
EN39075	07/22/2002		EVENT NOTIFICATION
ML022280443	09/05/2002		LICENSEE REPORT
LTR060512	05/15/2006		NRC LETTER
ML061320312	05/24/2006		INSPECTION REPORT