

NRC FORM 241 U.S. NUCLEAR REGULATORY COMMISSION (Please read the instructions before completing this form)		REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS	
NAME OF REPORTING PERSON OR ORGANIZATION UNIVERSITY OF ALABAMA		ADDRESS (If reported, mailing address) PO Box 870178 Tuscaloosa, AL 35487-0178	
1. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20 WITH LOGGING PORTABLE GAUGES RADIOGRAPHY		2. TYPE OF REPORT INITIAL <input checked="" type="checkbox"/> IN PROGRESS EXPIRATION DATE	
3. THE REPORTING PERSON OR ORGANIZATION HAL BARRETT		4. THE REPORTING PERSON OR ORGANIZATION 205-348-5405 205-348-7773	
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NMED Item Number: 990191

Event Details

ABSTRACT: The licensee reported the loss or theft of 107 seeds of I-125 with a total activity of 1.39 GBq (37.5 mCi) in a lead pig. The seeds, used for prostate cancer treatment, were delivered by an employee of the licensee's Hazardous Material Facility to the medical user. The individual receiving the delivery placed the package on the top of a trash can and then went to check on a patient. Upon his return the package was missing. The seeds were shielded within a container inside the package. If the seeds were to become unshielded, the dose rate would be approximately 26 uSv/hour (2.6 mrem/hour) at one meter. Housekeeping personnel were interviewed and trash dumpsters were surveyed in the attempt to find the package. The licensee advised the Alabama Office of Radiation Control that their investigation appears to indicate that the package was assumed to be trash by housekeeping personnel and was disposed of in a BFI dumpster and the contents of that dumpster were disposed of at BFI's Pineville landfill. If in the landfill, the seeds may be covered by up to 3,000 tons of overburden and searching for the seeds would not be feasible.

Event Date/Time	Discovery Date/Time	Report Date/Time
03/18/1999 0000 NR	03/18/1999 0000 NR	03/19/1999 1500 EST

Licensee Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	AL-0266	Licensee:	UNIVERSITY OF ALABAMA
Docket:	NA	City:	BIRMINGHAM
Program Code:	01100	State:	AL
Other License No:	NR	NRC Region Office:	2

Site of Event:

License No:	NA	Site Name:	BIRMINGHAM
		State:	AL

Additional Involved Party:

License No:	NA	Name:	BFI
		City:	PINEVILLE
		State:	AL

Other Information:

NRC Reportable Event:	Y	Abnormal Occurrence:	N
Agreement State Reportable Event:	Y	Investigation:	N
Atomic Energy Act Material:	Y	NMED Record Complete:	N
Consultant Hired:	N		

Event Class:

LAS - LOST OR STOLEN
CAUSE: LOSS OF ADMINISTRATIVE CONTROL

Equipment Information (Component Level):

LAS

Component ID#:	1	Isotope:	I-125
Componet ID:	SEALED SOURCE, SEED	Activity (Curies):	0.0375
System ID:	NA	Assay Date:	
Manufacturer:	NR	Source Change Date:	
Model Number:	NR	Leak Results (uCi):	NR
Serial Number:	NR	Consequence:	FIELD NOT USED
Manufacture Date:			

Reporting Requirements:

LAS	Mode Reported: TELEPHONE
Report Requirements:	20.0402(a)(1) - (NO LONGER USED) IMMEDIATE TELEPHONE REPORT OF A LOSS OR THEFT OF LICENSED MATERIAL THAT COULD RESULT IN A SUBSTANTIAL HAZARD TO PERSONS IN UNRESTRICTED AREAS.

Contributing Factors/Corrective Actions Information:

LAS	
Factor #:	1
Contributor:	IMPROPERLY FOLLOWED PROCEDURES
Precipitator:	NOT REPORTED
Corrective Action:	NOT REPORTED
LAS	
Factor #:	2
Contributor:	CUSTODIAN/CLEANING SERVICE/TRASH DISPOSAL PERSONNEL
Precipitator:	NOT REPORTED
Corrective Action:	NOT REPORTED

Keywords

Class Code: LAS SEALED SOURCE, SEED

Event Documents List

Report ID No	Entry Date	Retraction Date	Type of Report
EN35498	03/23/1999		EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
PN299010	03/31/1999		PRELIMINARY NOTIFICATION REPORTED FROM AN AGREEMENT STATE
AL990006	04/14/1999		AGREEMENT STATE EVENT REPORT
9903240378	11/15/1999		PRELIMINARY NOTIFICATION REPORTED FROM AN AGREEMENT STATE