

NMED Item Number: 990595**Event Details**

ABSTRACT: The licensee reported the loss of six thickness gauges, each containing a Sr-90 source with an activity of 18.5 MBq (500 uCi). The gauges were manufactured by Adaptive Technology, Incorporated (model AT-100S, serial #0030034 through 0030039). The gauges were used at the licensee's facility in Covington, Georgia. The production line where the six gauges were installed was dismantled in 1995. The gauges were placed into a storage area along with other equipment. Some of the equipment was later distributed to Minneapolis, Minnesota, and other licensee plants. Equipment deemed to be of no further use to the licensee was disposed of in a landfill. Since May of 1999, the licensee completed an investigation (including a physical search of the facilities in Covington and Minneapolis), interviews of former employees, and radiation surveys by an independent consulting firm (Safety & Ecology located in Knoxville, Tennessee). On 8/31/99, the licensee concluded that the gauges were lost. Additional information has been requested by the INEEL for this event.

Event Date	Discovery Date	Report Date
05/01/1999	08/31/1999	08/31/1999

Licensee / Reporting Party Information:

Agreement State Regulated:	NO	Reciprocity:	NONE
License Number:	GENERAL LICENS	Licensee:	GENERAL MILLS
Docket:	99999003	City:	MINNEAPOLIS
Program Code:	NR	State:	MN
NRC Region Office:	3		

Site of Event:

Site Name: COVINGTON
State: GA

Additional Involved Party:

License No: NA Name: NA
City: NA
State: NA

Other Information:

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

Event Class:

LAS - LOST OR STOLEN
CAUSE: LOSS OF ADMINISTRATIVE CONTROL

Equipment Information (System Level):

LAS			
System ID#:	1	Model Number:	AT-100S
System ID:	GAUGE FIXED	Serial Number:	0030034
Manufacturer:	ADAPTIVE TECH., INC.	Problem with System:	

A-5

LAS
 System ID#: 2 Model Number: AT-100S
 System ID: GAUGE FIXED Serial Number: 0030035
 Manufacturer: ADAPTIVE TECH., INC. Problem with System:

LAS
 System ID#: 3 Model Number: AT-100S
 System ID: GAUGE FIXED Serial Number: 0030036
 Manufacturer: ADAPTIVE TECH., INC. Problem with System:

LAS
 System ID#: 4 Model Number: AT-100S
 System ID: GAUGE FIXED Serial Number: 0030037
 Manufacturer: ADAPTIVE TECH., INC. Problem with System:

LAS
 System ID#: 5 Model Number: AT-100S
 System ID: GAUGE FIXED Serial Number: 0030038
 Manufacturer: ADAPTIVE TECH., INC. Problem with System:

LAS
 System ID#: 6 Model Number: AT-100S
 System ID: GAUGE FIXED Serial Number: 0030039
 Manufacturer: ADAPTIVE TECH., INC. Problem with System:

Equipment Information (Component Level):

LAS
 Component ID#: 1 Radionuclide: SR-90
 Component ID: SEALED SOURCE GAUGE Activity (Curies): 0.0005
 Manufacturer: NR Leak Test Results (uCi): NR
 Model Number: NR Problem with Component:
 Serial Number: NR

LAS
 Component ID#: 2 Radionuclide: SR-90
 Component ID: SEALED SOURCE GAUGE Activity (Curies): 0.0005
 Manufacturer: NR Leak Test Results (uCi): NR
 Model Number: NR Problem with Component:
 Serial Number: NR

LAS
 Component ID#: 3 Radionuclide: SR-90
 Component ID: SEALED SOURCE GAUGE Activity (Curies): 0.0005
 Manufacturer: NR Leak Test Results (uCi): NR
 Model Number: NR Problem with Component:
 Serial Number: NR

LAS

Component ID#: 4
 Component ID: SEALED SOURCE GAUGE
 Manufacturer: NR
 Model Number: NR
 Serial Number: NR

Radionuclide: SR-90
 Activity (Curies): 0.0005
 Leak Test Results (uCi): NR
 Problem with Component:

LAS

Component ID#: 5
 Component ID: SEALED SOURCE GAUGE
 Manufacturer: NR
 Model Number: NR
 Serial Number: NR

Radionuclide: SR-90
 Activity (Curies): 0.0005
 Leak Test Results (uCi): NR
 Problem with Component:

LAS

Component ID#: 6
 Component ID: SEALED SOURCE GAUGE
 Manufacturer: NR
 Model Number: NR
 Serial Number: NR

Radionuclide: SR-90
 Activity (Curies): 0.0005
 Leak Test Results (uCi): NR
 Problem with Component:

Reporting Requirements:

LAS Mode Reported: WRITTEN
 Report Requirements: 20.2201(b)(1) - THE 30 DAY WRITTEN REPORT FOLLOWING A 20.2201(a) TELEPHONE REPORT.

Contributing Factors/Corrective Actions Information:

LAS

Factor #: 1
 Contributor Factor: NOT REPORTED
 Corrective Action: NOT REPORTED

Consultant Information

	Name:	Company:	Hired by:	Speciality:
LAS	NR	SAFETY & ECOLOGY	LICENSEE	NR

Keywords

LAS
 Keyword: GAUGE FIXED
 Keyword: SEALED SOURCE GAUGE
 Keyword: EVENT CLOSED BY REGION/STATE
 Keyword: MATERIAL LOST AND NOT FOUND

Event Documents List

Report ID No	Entry Date	Retraction Date	Type of Report
EN36096	09/01/1999		EVENT NOTIFICATION
PN299036	09/03/1999		PRELIMINARY NOTIFICATION
9909070011	11/24/1999		PRELIMINARY NOTIFICATION
GA-99-013I	12/10/1999		AGREEMENT STATE EVENT REPORT
ML993630109	02/08/2000		NRC LETTER
LTR030310	03/11/2003		NRC LETTER