

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>162</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Allentown Portland Cement Conshohocken, PA		
NEW - Complete Name, Address, Contact, Phone Number: Allentown Cement Company Allentown, PA		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Allentown Cement Company – formerly Allentown Portland Cement Company – shut down the Conshocken quarry in 1971 and the plant in 1975. The site was decommissioned including demolishing all structures on site. In 1978, Allentown Cement sold the site to Smith-Kline French who built a plant there.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __ 162__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
	No Information Available							
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: __162__	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	No information on the gauges provided to Region 1.
<input type="checkbox"/>	

The decommissioning of the site was orderly. After decommissioning, the site was transferred to another responsible owner – a major pharmaceutical manufacturer and an NRC licensee. It is likely the gauges were disposed of properly.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __19186__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: AlSCO Anaconda Bridgeport, NJ 08014		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Walt Hufford, ARCO Environmental Remediation (610-640-4992) Through a series of transaction, Atlantic Richfield Company (ARCO) purchased AlSCO Anaconda in 1977. At some point thereafter, the Bridgeport site was shut down, with ARCO Environmental Remediation involved in the decommissioning. The ARCO Environmental Remediation representative stated that there was no possibility that the gauges are at the site.		
Describe Communication with Registration Vendor: Chris Fitz, NDC Infrared Engineering, Inc. (626-939-3859). The vendor's record showed that, at some point, ARCO Building Products had taken ownership of the AlSCO Anaconda gauge or gauges. The vendor reported that it is impossible that record in the NRC database showing that AlSCO Anaconda purchased 704 gauges from them is correct. The vendor could not find detailed records about the gauges sold to AlSCO Anaconda, which probably means they were returned to the vendor: the vendor does not keep files on gauges that have been properly returned according to the previous owner. The vendor realized, however, that they could not rule out the possibility that the records were lost; thus the vendor cannot definitely say that the gauges were returned.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: ___ 19186 _____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1 - 703	102		²⁴¹ Am	25	19804	1933-70 GL	A	See "Follow-up" discussion
704	102		²⁴¹ Am	25000	19844	1933-70 GL	A	See "Follow-up" discussion
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: __19186__	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The site was decommissioned in an orderly way with oversight from the ARCO environmental staff. It is likely the gauges were disposed of properly.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __3222__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Amax Aluminum Amax Center Greenwich, Connecticut		
NEW - Complete Name, Address, Contact, Phone Number:		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) No additional useful information located.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>3222</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	SU-S3		²⁴¹ Am	500	19784	20-01382-16G	N	
2	SU-S3		²⁴¹ Am	500	19784	20-01382-16G	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>3222</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

We were not able to find information beyond that previously reported by the contractor. Given that the gauges were distributed in 1978, it is likely they were taken out of service prior to the company closing in 1993, but we have no information on the gauges or on the decommissioning of the site that would allow us draw conclusions concerning the fate of the gauges. Further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>87</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: American Viscose Division Marcus Hook, PA 19061		
NEW - Complete Name, Address, Contact, Phone Number: FMC Corporation American Viscose Division Marcus Hook, PA		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p>Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Bruce Dwervian, Borough, Marcus Hook (610-485-1341). Dustin Armstrong, PA Department of Environmental Protection (610-832-6206). Bill Cutler, FMC Remediation (215-299-6206). FMC bought American Viscose Company in 1963. FMC operated the plant for many years and abandoned it very suddenly in 1977. In 1979, a company named Marcus Hook Development Park, Inc. expressed interest in developing the site as an industrial park. According to the Borough Manager, the site was in tremendous disrepair by this time (vandalism and general decay), so Marcus Hook provided tax breaks and other incentives to the company, which bought the site from FMC in 1979. Instead of developing the site, however, the company sold all the equipment left on the site via auction and to salvagers, then declared bankruptcy (in 1983). In the process, it demolished most of the buildings, spreading asbestos across the property in the process. Because of the asbestos, the site became a Superfund Removal Action site.</p> <p>According to representatives of the Borough of Marcus Hook and the PA Department of Environmental Protection, no gauges remain at the site. The site has been thoroughly inspected for hazards and hazardous waste. A radiation survey has been performed at the site.</p>		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: ____ 87 ____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	SH-3 02		¹³⁷ Cs	1500	19673	34-00255-06G	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: ____87____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

Based on the site history, it is likely the gauges were sold as scrap, either by individuals who removed them between 1977 and 1979 or by Marcus Hook Development Park, Inc. between 1979 and 1983.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>28437</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Amp, Inc. 390 Derby Street Harrisburg, PA		
NEW - Complete Name, Address, Contact, Phone Number: Tyco Electronics Corporation Contact: Glen Foster (717) 986-7916		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Glen Foster, Manager American Operations, Environmental Health and Safety (717) 986-7916 Contact provided by the contractor is involved in facility construction only. He had no knowledge of gauges or of regulatory activity. The facility at that address closed relatively recently, but over the years, many Amp groups have been moved in and out of the facility according to business needs. In all cases, appropriate environmental personnel were involved in the moves and, ultimately, in the closing of the building. Amp was recently purchased by Tyco International.		
Describe Communication with Registration Vendor: Fred Hanser, Panametrics (781-899-2719). Vendor provided a list of all devices that it has not accounted for (i.e., they have not been returned to the vendor and the vendor does not know that they have been otherwise disposed of). The list does not include an entry for either Amp or Tyco Electronics, implying that the vendor considers the gauge disposed properly.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>28437</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
	Panalyzer-4000		²⁴¹ Am	10	19734	200718104G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>28437</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
<input checked="" type="checkbox"/>	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:

The facility was shut down in an orderly fashion. The device does not appear on the vendors list of devices not accounted for. We conclude that the device was disposed properly.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __1148__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Amstar Corporation (Domino Sugar Plant) Delaware Avenue & Reed Street Philadelphia, PA		
NEW - Complete Name, Address, Contact, Phone Number: Tate & Lyle North America Sugars, Inc. P.O. Box 838 Baltimore, MD 410-752-6150		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) A company representative said they had been contacted by the contractor and had sent a letter explaining what happened to the gauge. It was returned to the manufacturer prior to the plant was closing in 1982.		
Describe Communication with Registration Vendor: Mike Allred, KayRay/Sensall 847-768-5691. Because of several mergers and corporate restructuring, many records that were more than ten or fifteen years old could not be located. The vendor could not find records concerning this gauge.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE:___ 1148_____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	3600F		¹³⁷ Cs	100	19813	IL-01010-02	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: ___ 1148 _____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The licensee reports that the gauge was returned to the vendor. Because the return was many years ago, we cannot find any further information on the transaction. We conclude that the gauge was properly returned.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>3423, 23918</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Anheuser-Busch, Inc. Yeast Plant 2 85 Main Street East Brunswick, NJ 08816		
NEW - Complete Name, Address, Contact, Phone Number: Gist-Brocades Food Ingredients, Inc.		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Bob Deedy, Engineer, Contractor to Gist-Brocades. Gist-Brocades purchased Anheuser-Busch's yeast business in 1990. They sold the business to American Yeast/Lallemand around 1994, but American Yeast/Lallemand did not want the East Brunswick plant. Mr. Deedy worked at the plant at one time and oversaw the plant shut down. He reported that the gauge at the plant was returned to Ohmart.		
Describe Communication with Registration Vendor: Candy Brock at Ohmart/Vega (cbrock@ohmartvega.com). The vendor received one gauge back as reported by Mr. Deedy, but that was not the gauge in these files. Ohmart distributed one gauge to Anheuser-Busch in 1966 (none in 1967), and that gauge was returned sometime prior to 1981 (vendor did not search records to find exact quarter).		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __ 3423, 23918 __								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	PGV		¹³⁷ Cs	100	19664	34-00639-03G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: __3423, 23918__	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The gauge was returned to the vendor sometime prior to 1981.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __98__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Anthracite By-Products Wilkes Barre, PA 18705		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other)		
Describe Communication with Registration Vendor: Nancy Newsome, ABB Industrial Systems (614-261-2339). The company, which changed its name to Sullivan Products, had three gauges. One was returned in 1967 and two were returned in 1970.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>98</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	D		¹³⁷ Cs	200	19603	34-00255-06G	A	
2			¹³⁷ Cs	?		34-00255-06G	A	
3			¹³⁷ Cs	?		34-00255-06G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: ____98____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

All gauges were returned to the manufacturer.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>3727</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Asarco, Inc. Route 70 Lakehurst, NJ 08733		
NEW - Complete Name, Address, Contact, Phone Number: Asarco, Inc. 180 Maiden Lane New York, NY 10038 Contact: Mike Varner, VP, Env. 212-510-2000		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) John Lord (732-922-6100) formerly of Asarco, and consultant to Heritage Minerals. According to Mr. Lord, the gauges were in use at an ilminite mine. In this type of mining, a pond is dug and filled. A barge dredges the pond and sends the removed material to the separation plant (which is frequently on barges as well). Mr. Lord was hired as a consultant to help with the sale of the site to Heritage Minerals around 1982. He reported that at that time the barge was dry docked and the gauges were gone. From descriptions of people who were there when the gauges were removed, he believed they were returned to the manufacturer.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __3727__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1			Unknown	Unknown	Unknown	Unknown	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>3727</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The file included no information concerning the gauges. Based on the information we developed, we conclude that the gauges at the site were disposed properly.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __1145__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Avitex Fabric, Inc. Valley Forge, PA		
NEW - Complete Name, Address, Contact, Phone Number: Avtex Fibers, Inc. Valley Forge, PA		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Avtex Fibers, Inc. was a division or subsidiary of FMC Corporation, then was spun off as an independent corporation. It was headquartered in Valley Forge, but had no production facilities there.		
Describe Communication with Registration Vendor: John Saliwicki, KayRay/Sensall , 847-768-5691 The vendor showed no distribution that matched the distribution in the file. Avtex, which is now bankrupt, had at least two facilities with gauges: their largest facility in Fort Royal, Virginia and a facility in Nitro, West Virginia.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned: Corrections need to be made to the information in the generally licensed device database before the device can be tracked. At a minimum, we need the location at which the device was located, rather than the licensee's mailing address (in this case, an office building that had no manufacturing facilities).		

Form TI-2: Device Information

RCODE: __ 1145 __								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	3600		¹³⁷ Cs ¹³⁷ Cs	250	19734	IL-01010-02	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE:___1145_____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The information in the file is not sufficient to track the gauge. Further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u> 358 </u>		
Region: <u> 1 </u>		
OLD - Complete Name, Address, Contact, Phone Number: B. F. Goodrich Oaks, PA 19456		
NEW - Complete Name, Address, Contact, Phone Number:		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Ken Willings, Michelin?, 216-447-5636. The plant in Oaks closed around 1985. They could locate no records specifically concerning the gauges, but did decommission (i.e., remove equipment, etc. and clean up) the site before releasing it. The representative stated the gauges could not have been left at the site.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: ____358____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	T		⁹⁰ Sr	10	19604	34-00255-06G	A	
2	T		⁹⁰ Sr	10	19604	34-00255-06G	A	
3	T		⁹⁰ Sr	25	19604	34-00255-06G	A	
4	T		⁹⁰ Sr	25	19604	34-00255-06G	A	
5			⁹⁰ Sr	50	19583	34-00255-06G	A	
6			⁹⁰ Sr	50	19583	34-00255-06G	A	
7	T		⁹⁰ Sr	25	19641	34-00255-06G	A	
8	U-2		⁹⁰ Sr	25	19681	34-00255-06G	A	
9	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
10	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
11	U-2		⁹⁰ Sr	70	19692	34-00255-06G	A	
12	O-2		⁹⁰ Sr	70	19731	34-00255-06G	A	
13	I-4		⁹⁰ Sr	16	19731	34-00255-06G	A	
14	I-4		⁹⁰ Sr	16	19731	34-00255-06G	A	
15			⁹⁰ Sr	20		34-00255-06G	A	
16			⁹⁰ Sr	20		34-00255-06G	A	
17	U-23		⁹⁰ Sr	25	19681	34-00255-06G	A	
18	U-2		⁹⁰ Sr	70	19692	34-00255-06G	A	
19	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
20	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
21	O-2		⁹⁰ Sr	70	19731	34-00255-06G	A	
22	I-4		⁹⁰ Sr	16	19731	34-00255-06G	A	
23	I-4		⁹⁰ Sr	16	19731	34-00255-06G	A	
24	U-2		⁹⁰ Sr	70	19692	34-00255-06G	A	
25	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
26	I-4		⁹⁰ Sr	25	19692	34-00255-06G	A	
27	U-23		⁹⁰ Sr	25	19681	34-00255-06G	A	
28	U-23		⁹⁰ Sr	25	19681	34-00255-06G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: ____358____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The plant was decommissioned in an orderly fashion with proper oversight. We conclude that the gauges were disposed of properly.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>2759 & 20175</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Blackwood Anthracite, Inc. Off Route 125 Tremont, PA 17981		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Charles Novac, General Manager, Blackwood Inc. (owner of the mine for the past year or so) (610-863-3213). Jim Charowski, Pennsylvania Department of the Environment, Pottsville District Mining Office (570-621-3118). The Blackwood Mine in Schuylkill County, PA has been operated by a number of different operators since the 1800s. In 1983, a company named Blackwood Anthracite, Inc. began mining on the site. It operated there until the late 1980s, during which it built a coal preparation plant (breaker) on the site. Near the end of its operations at the site, the breaker was torn down. Today, there are no structures or equipment on the property. It is likely that the gauge was installed on the breaker and was scrapped when the breaker was scrapped.		
Describe Communication with Registration Vendor: Chris Fitz, NDC Infrared Engineering, Inc. (626-939-3859). Although there are two files for Blackwood Anthracite, they contain identical information. The manufacturer said that only one gauge was sold to Blackwood Anthracite. The gauge was not returned to the manufacturer.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>2759 & 20175</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	5190		¹³⁷ Cs	100	19831	L01105	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>2759 & 20175</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

It appears that the gauge was likely to have been scrapped when the coal breaker was demolished.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>6988</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Boyle-Midway South Avenue & Hale Street Cranford, NJ 07016		
NEW - Complete Name, Address, Contact, Phone Number: American Home Products Five Giralda Farms Madison, NJ 07940		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Cranford Chamber of Commerce (908-272-6114) According to the Chamber of Commerce, Boyle-Midway produced aerosol cans for commercial products at the site. The building was purchased about a year and a half ago, gutted, and converted to a combination office and warehouse facility. From 1974 and perhaps prior, Boyle-Midway was a subsidiary of American Home Products. During the early eighties, American Home Products did business as Boyle-Midway. American Home Products sold Boyle-Midway to Reckitt Coleman (later Benckiser through merger with Benckiser) in 1990, but a number of Boyle-Midway products (e.g., Black Flag products) and facilities, including the facility referenced in this file, did not go to Reckitt Benckiser. According to the database, the Fil-Tec gauges were installed in 1973 and 1981, so were likely removed in normal process renovation some years ago.		
Describe Communication with Registration Vendor: Michelle Alvarado at Industrial Dynamics (310-257-2202) Vendor could locate no records concerning the gauges in question.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: 6988								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	FT-12		²⁴¹ Am	100	19733	1586-70GL	N	
2	FT-12		²⁴¹ Am	100	19813	1586-70GL	N	
3	FT-12		²⁴¹ Am	100	19813	1586-70GL	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>6988</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

We have no information on the gauges or on the decommissioning of the site that would allow us draw conclusions concerning the fate of the gauges. Given that the gauges were distributed in 1973 and 1981, it is likely they were taken out of service long ago. Further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __3636__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Certainteed Corporation York, PA 17405		
NEW - Complete Name, Address, Contact, Phone Number:		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Martha Bixby, Environmental Coordinator, Certainteed Corp. (610-341-7505) The plant in York was closed down in the 1980s with Certainteed environmental personnel overseeing the decommissioning. The Certainteed representative believed the gauges would not have been overlooked and would have been disposed properly. Certainteed, however, could locate no records specifically addressing the gauges because of the time since the decommissioning. The building that housed plant is no longer there.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>3636</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1			⁹⁰ Sr	675	19582	34-00255-06G	A	
2	5202		¹³⁷ Cs	200		L01105	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>3636</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The decommissioning of the site was orderly. After decommissioning, the site was transferred to another responsible owner – a major pharmaceutical manufacturer and an NRC licensee. It is likely the gauges were disposed of properly. If not, there is little hope of tracking them and further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>7033</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Champale, Inc. 710 Washington Avenue Norfolk, VA 23504		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other)		
Describe Communication with Registration Vendor: Michelle Alvarado, Industrial Dynamics (310-257-2202) All sources at the Norfolk, Virginia site were subsequently returned. The vendor could not immediately determine how many sources had been at the site but thought it was less than five.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __7033__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	FT-12		²⁴¹ Am	100	19784	1586-70GL	A	
2	FT-12		²⁴¹ Am	100	19784	1586-70GL	A	
3?	FT-12		²⁴¹ Am	100	19784	1586-70GL	A	
4?	FT-12		²⁴¹ Am	100	19784	1586-70GL	A	
5?	FT-12		²⁴¹ Am	100	19784	1586-70GL	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>7033</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

All sources were returned to the vendor.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>1072, 7529, & 7558</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Champale , Inc. 1024 Lamberton Street Trenton, NJ 08611 and Champale , Inc. 180 Hewitt Avenue Trenton, NJ 08611		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Michelle Christina, Brownfields Coordinator, City of Trenton (609-989-3603). Bill Chandler, Winzinger, Inc. (609-267-8600, x31) (demolition contractor). When Champale closed the Trenton plant on Lamberton Street, it left all equipment behind. The site was taken over by taken over by Rumac Packaging Services (who had the contract to bottle Snapple in the area) which operated there for a brief time before being abruptly shut down for failure to pay taxes. The site became a CIRCLA site and was eventually transferred to the City of Trenton Brownfields program, who oversaw removal of all equipment and demolition of the buildings. Rumac removed none of its equipment from the site, and it is almost certain that two gauges were present on the site when the equipment was cleaned out prior to the buiding demolition in 1997. Neither the City of Trenton nor the demolition contractor could identify the contractor who removed the equipment from the buildings.		
Describe Communication with Registration Vendor: Michelle Alvarado, Industrial Dynamics (310-257-2202) Seven gauges (including Serial No. 1095 identified in the Hewitt Ave. file) were installed at the Champale plant on Lamberton Ave. None were installed on Hewitt Ave. (although some could have been shipped there). Five of those were transferred to other owners by Rumac Packaging Services via the vendor. No records exist of the other two being returned.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __ 1072, 7529, & 7558 __								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	CI-2	1095	²⁴¹ Am	100	?	1586-70GL	A	
2	FT-12		²⁴¹ Am	100	?	1586-70GL	A	
3	FT-12		²⁴¹ Am	100	?	1586-70GL	A	
4	FT-12		²⁴¹ Am	100	?	1586-70GL	A	
5	FT-12		²⁴¹ Am	100	?	1586-70GL	A	
6	FT-12		²⁴¹ Am	100	?	1586-70GL	N	
7	FT-12		²⁴¹ Am	100	?	1586-70GL	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: __1072, 7529, & 7558__	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

Five gauges are accounted for two are unaccounted for. The two were removed by a used equipment dealer prior to 1997. We have no way to identify the dealer. Further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: _1199_____		
Region: ___1___		
OLD - Complete Name, Address, Contact, Phone Number: C. J. Beshore & Son 17 Jefferson Avenue York, PA 17405		
NEW - Complete Name, Address, Contact, Phone Number: Unknown		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) York County Herritage Trust According to a York City Directory from 1977, C. J. Beshore & Son at 17 Jefferson Avenue was a Registered Plumbing, Heating and A/C Contractor, and Custom Sheet Metal Fabricators for Industrial, Commercial, and Institutional facilities. As such, it would have had no use for the gauges in question, but would have installed them as part of a contract it was working under.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned: In a number of records including this one, the gauge is assigned to the contractor associated with the equipment. That appears to be the case here. The lesson to be learned is that the current system of issuing licenses does not reliably identify the general licensee.		

Form TI-2: Device Information

RCODE: __ 1199__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	3600		¹³⁷ Cs	500	19772	IL-01010-02	N	
2	3600		¹³⁷ Cs	500	19772	IL-01010-02	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: __1199__	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The owner of record never owned or possessed the gauges. We have no information that would allow us to locate the gauges.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>659</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: C. J. Schmidt & Sons Philadelphia, PA 19104		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other)		
Describe Communication with Registration Vendor: Nancy Newsome (614-261-2339) and Jonathan Fortkamp (614-261-2337), ABB Industrial Systems A source (serial number CF-4285) containing 12 mCi of ¹³⁷ Cs was shipped to C. Schmidt & Sons in Philadelphia in March 1960. In 1964, this source was transferred to "a new plant" (according to the vendor's file) in Cleveland. It was returned to the vendor on February 16, 1972.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: __ 659 __								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	H		¹³⁷ Cs	12	19601	34-00255-06G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>659</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The source in question was returned to the vendor on February 16, 1972.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>62607</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Coastal Lumber Company Route 22 New Florence, PA 15944		
NEW - Complete Name, Address, Contact, Phone Number: Coastal Lumber Company P.O. Box 829 Weldon, NC 27890 Contact: Tom Evans 252-536-4211		
Agreement State Licensee? (Double Check)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Tom Evans, Coastal Lumber (252-536-4211) said that the device was moved to Weldon, NC and subsequently disposed of through Oxford Instruments. Newalt Tilman, Oxford Instruments (978-317-9009) confirmed disposal.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: _____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	Asoma Analyzer	?	?	?	?		A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: _____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
<input type="checkbox"/>	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
X	Other: (explain) The general licensee of record is <u>not</u> located at the address of record, however they previously were using GLD at another location. Although no information concerning the device (or devices) was supplied to the region, based on the inspection, we believe the licensee had one GLD and the GLD is accounted for.
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:

The gauge was disposed properly after being moved from the Pennsylvania location to a site in North Carolina.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>214</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Columbia Geneva Steel Appropriation Atlantic City, NJ 08401		
NEW - Complete Name, Address, Contact, Phone Number: Atlantic City Ore Operations U. S. Steel Corporation Hwy 28 South P.O. Box 569 Lander, WY 82520		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Joseph J. Curro, Jr., USX Realty Development (412-433-7996) Columbia Geneva Steel, which at the time the gauge was purchased (1964) was a subsidiary of U. S. Steel (since the 1930s). The Columbia Geneva Steel name was never associated with any operations in New Jersey, but was associated with the Atlantic City Ore Mine in Lander, Wyoming. The mine closed in 1982, and in 1985, U. S. transferred all gauges to specific licensee Universal Equipment Company (NRC License No. 19-11741-01).		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>214</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	D		¹³⁷ Cs	50	19641	34-00255-06G	A	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>214</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
X	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

The gauge was transferred to a specific licensee.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __18492__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Crompton & Knowles Davis Standard Division Pequabuck, CT 06781		
NEW - Complete Name, Address, Contact, Phone Number: Crompton & Knowles Davis Standard Division 1 Extrusion Drive Pawcatuk, CT 06379		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Crompton & Knowles, Davis Standard Division, designs and manufacturers extrusion systems. At times, they (indirectly) supply generally licensed gauges with equipment they manufacturer. The NRC contractor contacted Crompton & Knowles concerning the gauge. A Crompton & Knowles representative tried unsuccessfully to identify the customer for the system with this gauge.		
Describe Communication with Registration Vendor: None		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned: In a number of records including this one, the gauge is assigned to the contractor associated with the equipment. That appears to be the case here. The lesson to be learned is that the current system of issuing licenses does not reliably identify the general licensee.		

Form TI-2: Device Information

RCODE: __18492__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	O-2		⁹⁰ Sr	70	19684	34-00255-06G	N	
2	O-2		⁹⁰ Sr	70	19684	34-00255-06G	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: ___18492_____	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
X	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
<input type="checkbox"/>	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
<input type="checkbox"/>	Other: (explain)
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
1 & 2	The information in the database does not allow any conclusions to be reached concerning the actual location of use of the gauges.
<input type="checkbox"/>	

The owner of record owned or possessed the gauges only in conjunction with installing them and the machine to which they were attached to another location. We have no information that would allow us to locate the gauges.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>254</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Custom Cannery Union, NJ 07083		
NEW - Complete Name, Address, Contact, Phone Number: None		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Based on lists of soda bottle collectors, Custom Cannery bottled (or canned) soda in Philadelphia. The only similar facility listed in Union City, New Jersey belonged to Mutual Beverage Works; which might mean that Mutual Beverage Works was affiliated with Custom Cannery or might mean that Custom Cannery in Union City was involved in a different business.		
Describe Communication with Registration Vendor: Nancy Newsome at ABB Industrial Systems (614-261-2339). The vendor reported that Custom Cannery, Union City, New Jersey changed its name to Shasta, which would imply it bottled or canned soda (Shasta is a big off-brand soda manufacturer, now a product of National Beverage Corporation, but may have been independent at one time). It could not provide any information about the sources, however.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>254</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	HH-3		¹³⁷ Cs	14	19672	34-00255-06G	N	
2	HH-3		¹³⁷ Cs	14	19672	34-00255-06G	N	
3	HH-3		¹³⁷ Cs	14	19672	34-00255-06G	N	
4	HH-3		¹³⁷ Cs	14	19672	34-00255-06G	N	
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	How obtained	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>254</u>	
General Licensee Information:	
<input type="checkbox"/>	Check Box if Current Complete Name, Mailing Address, Contact, and Phone Number is Same as Provided by ORNL. If not, include correct information below:
<input type="checkbox"/>	
Results of inspection: (check the appropriate boxes)	
<input type="checkbox"/>	The general licensee of record is located at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however GLD are being used under new ownership at the address of record and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for
<input type="checkbox"/>	The general licensee of record is <u>not</u> located at the address of record, however they are using GLD at another location and
<input type="checkbox"/>	all GLD are accounted for
<input type="checkbox"/>	<u>not</u> all GLD are accounted for;
<input type="checkbox"/>	Neither the general licensee of record nor the facility operated by the general licensee are located at the address of record and the site has been abandoned or is being used for an alternate purpose.
X	Other: (explain) Insufficient information provided.
Gauge Information:	
ID	For each gauge for which status is unaccounted for (see last column of Form TI-2), provide any conclusions about location of the gauge:
<input type="checkbox"/>	
<input type="checkbox"/>	

We have not been able to locate information for this licensee that would let us identify the responsible corporation with any certainty. The only address we have for this general licensee is "Union City, NJ." The gauges were distributed more than thirty years ago, so it is very likely they were taken out of service long ago. Without more information, there is little hope of tracking the gauges and further effort is not justified.

Inspector: Keith Brown, Health Physicist
Nuclear Materials Safety Branch 2

Approved By: John D. Kinneman, Chief
Nuclear Materials Safety Branch 2