

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>548, 1821</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Nicholet Industries, Inc. Norristown, PA		
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) Nicholet Industries declared bankruptcy in 1987 and is no longer in business. Nicolet Industries received one or two gauges from ABB Industrial Systems (then Industrial Nucleonics) in the third quarter of 1965. The received as many as eight gauges from Honeywell-Measurex between 1982 and 1984.		
Describe Communication with Registration Vendor: Nancy Newsome at ABB Industrial Systems (614-261-2339). Elsa Nimmo, Radiation Safety Officer, Honeywell-Measurex Corporation (408-864-7860 or 408-255-1500). Honeywell-Measurex reported that all gauges distributed to the company are accounted for (returned or evidence of proper disposal provided). ABB Industrial Systems could not locate records about the company (because of the absence of serial numbers).		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>548, 1821</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	U-2		⁹⁰ Sr	25	19653	34-00255-06G	A	
2	1201 3FLV		⁹⁰ Sr	50		1856-43 GL	A	
3	U-2		⁹⁰ Sr	25	19653	34-00255-06G	A	
4	1201		⁹⁰ Sr	50	19832	1856-43 GL	A	
5	1201		⁹⁰ Sr	50	19832	1856-43 GL	A	
6	1201		⁹⁰ Sr	50	19834	1856-43 GL	A	
7	1201		⁹⁰ Sr	50	19824	1856-43 GL	A	
8	1201		⁹⁰ Sr	50	19824	1856-43 GL	A	
9	1201		⁹⁰ Sr	50	19824	1856-43 GL	A	
10			⁹⁰ Sr	50	19844	1856-43 GL	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: ___ 548, 1821 _____	
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 gauges distributed to the licensee in 1982 and 1984 were returned to the vendor. Although the vendor of the gauges distributed in 1965 cannot locate records, it is likely those were returned as well. The vendor has difficulty locating records from thirty years ago in those cases in which the gauges were disposed of properly unless it is provided with the serial numbers of the gauges. It is likely all gauges were returned to the vendors, and even if they were improperly disposed, there is little chance of determining their fate after so much time has passed.

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: __3592__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Northbrook Metals Pennsauken, NJ 08110		
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) New Jersey Department of the Treasury, Division of Revenue reports the "Home Jurisdiction of Northbrook Metals is Illinois. Its corporate status in New Jersey was revoked in 1985 for failure to pay taxes. It last filed a required annual report in September 1983.		
Describe Communication with Registration Vendor: Fred Hanser, Panametrics (781-899-2719, ext. 217). The vendor reported that the device received by this company was on a list of devices for which it could not confirm proper disposal (i.e., the company has not returned the device nor has it made the vendor aware of disposal by another means).		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: ___3592_____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	Panalyzer 4000		²⁴¹ Am	10	19814	20-07181-04G	N	
2	Panalyzer 4000		²⁴¹ Am	10	19814	20-07181-04G	N	
3	Panalyzer 4000		²⁴¹ Am	10	19811	20-07181-04G	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>3592</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:
<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. It appears likely the company is out of business. The only address we have for this general licensee is "Pennsauken, NJ." 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

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: __18503__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Olin Corporation Snowdrift Road Macungie, PA 18062		
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
<p>Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Sally Sharp, Olin Environmental 423-336-4723. Karen Blendowski, EHS, A. J. Oster (through Sally Sharp) 630-260-1040. Mark Tilliotson, Carpenter Company, Fogelsville, PA (610-395-0311). Fausto Pineda, Carpenter Company Technical Center, Richmond, Virginia (804-233-0606).</p> <p>The manufacturing facilities in question were built around 1970, the time of the gauge purchases. Olin produced Omalon brand carpet underlayment at the plant until they sold the brand and the plant to E. R. Carpenter, Richmond, Virginia probably in 1986 (the sale was announced in December 1985). The plant is still in operation.</p> <p>When Carpenter moved into the facility in 1989, all production equipment had been removed. Mr. Pineda, who worked for Olin at the Fogelsville plant in the Safety Department beginning in 1977 (prior to the sale to Carpenter) believed that no such gauges were in use at the plant when he began working there.</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: ___ 18503 _____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	U-2		⁹⁰ Sr	70	19702	34-00255-06G	A	
2	U-2		⁹⁰ Sr	70	19702	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: __18503__	
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.
<input checked="" type="checkbox"/>	Other: (explain) The facility previously operated by the general licensee is located at the address of record, but the gauges were disposed of prior to transfer of the facility.
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 gauges were distributed to the licensee in 1970. According to a knowledgeable people they were removed prior to 1986 and likely prior to 1977. It is likely the gauges were disposed of properly, and even if they were improperly disposed, there is little chance of determining their fate after so much time has passed.

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>642471</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Pennex Products Eastern Avenue & Pennex Drive Verona, PA 15147		
NEW - Complete Name, Address, Contact, Phone Number: Rexall Sundown		
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) Rick Evans, Rexall Sundown EHS 561-241-9400, x2526 (or 561-999-2526 for direct access). Harry G. Austin, III, Austin's Company, P.O. Box 827, 115 Downieville Road, Mars, Pennsylvania 16046-0827 (724-625-1535).</p> <p>Rexall Sundown acquired Pennex Products, makers of numerous store brand over-the-counter pharmaceuticals, in 1993 to move into that market. It was largely unsuccessful and, on August 31, 1995, decided to cease operations at Pennex. The Verona facility was closed on October 31 or November 1, 1995.</p> <p>Rexall Sundown reported that the gauge was purchased at auction by a bleach manufacturer (Austin's Company) who had purchased it for possible use on a future line. The buyer said he was not aware that it contained a source at the time of purchase. Rexall Sundown is working with the buyer to either reclaim the gauge or to have the gauge properly licensed to the buyer (who, because of the associated fees, would like compensation). The serial number of the gauge is 110113 and of the source is 1505.</p>		
Describe Communication with Registration Vendor: Michelle Alvarado at Industrial Dynamics (310-257-2202) (alvarado@filtec.com). Prior to discovery of the sale of the gauge, the vendor reported that the source had not been returned. Later, the Industrial Dynamics representative confirmed that the source was returned on March 13, 2001.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>642471</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	FT-50B	1505	²⁴¹ Am	100	19952	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>642471</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 gauge was improperly transferred, but because of this inspection, the parties involved have worked with the vendor to have the source from the gauge returned or relicensed. The source for the gauge was returned to the vendor on March 13, 2001.

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>643355</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Phillifilm 806 Hillcrest Dr. Canonsburg, PA 15317		
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)		
Describe Communication with Registration Vendor: Chris Fitz of NDC Infrared Engineering (626-939-3859). The device was sent to the general licensee on June 21, 1995 and returned to the vendor during the fourth quarter of 1996. NDC disposed of the source on May 6, 1998. The return included in the appropriate report to the NRC.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>643355</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	103	5098	²⁴¹ Am	150	19952	1933-70 GL	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: ___ 643355 _____	
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:
<input type="checkbox"/>	
<input type="checkbox"/>	

The gauge was returned to the vendor. The vendor included the return of the gauge in its fourth quarter 1996 report to the NRC.

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> 2622 </u>		
Region: <u> 1 </u>		
OLD - Complete Name, Address, Contact, Phone Number: Raybestos Manhattan 75 East Main Street Stratford, CT 06497		
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) Ron Jennings, U.S. Environmental Protection Agency, Remedial Project Manager (617-918-1242). Henry Freedman, Environmental Enforcement Section, Department of Justice 202-514-5268. Trustee for Raymark, Lauren M. Ryan, Kahn Consulting Inc., 152 W. 57th, NY, NY 10019 212-841-9314. LaGrande Young, General Counsel, Raytech Corporation (a corporation formed in 1986 with ties to the old Raybestos but probably not connected to this site). Before it closed, Raybestos Manhattan became Raymark Industries. Raymark Industries went into bankruptcy and shut down in 1982. The site was put on the NPL and the buildings were torn down under the Superfund program beginning in September 1995. According to the Environmental Protection Agency's Remedial Project Manager, there are no gauges at the site. There was extensive vandalism of the site and theft of material prior to the demolition, so if the gauges had not removed before that, it is likely they were removed between 1982 and 1995.		
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>2622</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	Y-M-NA-SR-50		⁹⁰ Sr	100	19734	29-08398-02G	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>2622</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:

As explained, the gauges are not at the site. If they were not disposed properly, 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

Form TI-1 Case Resolution

Case Status	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Closed
RCODE: <u>622</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: REM-CRU Titanium Corporation Park 30 th & Smallman Streets Pittsburgh, PA 15230		
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) A representative of Crucible Research (Division of Crucible Materials Corporation) familiar with the plant through the 1980s. Rem-Cru Titanium Corporation was a joint venture of Remington Arms Corporation and Crucible Steel Corporation begun in 1950. It was dissolved prior in December 1957 when Crucible Steel bought out Remington Arms' share. This implies the gauge in question was sold in 1957 or 1958 (the database does not appear to go back beyond that). Rem-Cru's only location was in Midland, Pennsylvania. The address on the file was probably associated with Crucible Corporation's (no longer Crucible Steel by then) headquarters which were in central Pittsburgh (the database sometimes contained the corporation's mailing address rather the gauge location). This is further evidence for the 1958 date (with the assumption that the designation Rem-Cru Titanium came from common usage and was actually the subsidiary or division of Crucible). Colt Industries purchased Crucible in 1968. Crucible was sold to Jones & Laughlin Steel in 1982, which was then merged by its parent, LTV Corporation, to form LTV Steel. Later the plant was spun-off to a new corporation, J&L Specialty Steel in 1986 around the time LTV Steel filed for bankruptcy protection.		
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>622</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
No information on the devices was provided.							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>622</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:

Our record for the case has no information about the gauge (i.e., vendor, model, isotope), so it is very unlikely that information specifically concerning the gauge can be located. The plant in Midland, Pennsylvania has been in continuous operation under Crucible Corporation, Jones & Laughlin Steel, LTV Steel, and, today, under J&L Specialty Steel so the gauge likely was disposed of properly. If it was not, there is little hope of tracking gauges distributed in 1958 or earlier at this time 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: __1939, 47217__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Remington Arms Company Ammunition Plant 939 Barnum Avenue Bridgeport, CT 06608		
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) Sammy Bates, Environmental Coordinator, Remington Arms Company, Lonoke, AR, 501-676-4185. Vic Rodesia 203-377-0601 of DuPont Sporting Goods. Until November 1993, Remington was owned by E. I. du Pont de Nemours. The plant moved to present location several years ago (prior to 1993). Du Pont personnel managed the decommissioning of the old site. The new plant has at least one, possibly two devices (the representative was not certain whether an x-ray fluorescence analyzer had an NRC regulated source) containing licensed sources, but none appear to match the ones referenced in this case. Also, information on equipment and records transferred to new site in Arkansas do not refer to these gauges, indicating that they were probably already gone at the time of the move. Du Pont personnel said that all equipment and records at the Bridgeport site were transferred to Arkansas 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: __1939, 47217__								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
No information about the devices was provided.							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: ___1939, 47217_____	
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 gauges were removed from the plant prior to the move to Arkansas. They were likely returned to the vendor, but if they were not, there is little hope of tracking them at this late date 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>2384, 2628</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Scott Paper Company R & D Annex 50 Powhattan Avenue Essington, Pennsylvania 19029		
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) Susan Gaynor, Kimberly-Clark Environmental (770-587-8662). The facility was the Scott Paper Technology Center, shut down with all workers laid off in 1994, during the Al Dunlop trimming of Scott Paper. Kimberly Clark bought the company in December 1995. It sold the site to a real estate company located at 555 N. Lane, Conshohocken, PA, but prior to doing so, the Kimberly-Clark Environmental Staff inspected the building as part of due diligence. The Kimberly-Clark representative supplied records of gauges found and disposed. She is confident that if any were present during the inspection, the Environmental Staff would have identified them.		
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>2384, 2628</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	Y-M-SR-40		⁹⁰ Sr	100	19742	29-08398-02G	A	
2	BGOM		⁹⁰ Sr	300	19651	34-00639-03G	A	
3	BGOM		¹³⁷ Cs	300	19653	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: <u>2384, 2628</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:

Although the list of disposed gauges provided by Kimberly-Clark does not completely align with the database record, experience performing TI 2800/030 inspections has shown the database to be very unreliable. Some gauges in the database may have been returned to the vendor prior to the site closeout or may have never been at this site. It is clear that no gauges remain at the site, and if any were not properly disposed, 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: __3331__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Sinclair-Koppers Company Kobuta, Pennsylvania		
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) The Sinclair-Koppers Company, Kobuta Plant was located in Monaca, Pennsylvania. The plant's was originally (1940s) a Koppers Company synthetic rubber plant – its name, Kobuta, derived from Koppers and butadiene . Sinclair-Koppers sold the plant to ARCO which, in turn, sold it to Nova Chemicals. The plant has been in continuous operation since being built and its current owner is Nova Chemical. There is no record of any such gauges being on the site in many years. Contacts: Brandon Schaffer, Nova Chemical (724-774-1000).		
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: ___3331_____								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	SCL-1		⁹⁰ Sr	100	19673	20-01382-16G	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: ___ 3331 _____	
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 are currently no gauges at the site. Due to two ownership transfers and the passage of time, there appear to be no records concerning the gauges that were distributed to the site in 1967. Since the site has been in continuous use by responsible parties, it is likely the gauges were disposed 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: __3678__		
Region: __1__		
OLD - Complete Name, Address, Contact, Phone Number: Technical Metals Company 18800 Meginnity Melvindale, MI		
NEW - Complete Name, Address, Contact, Phone Number: Mill Steel Company 18800 Meginnity Street Melvindale, MI Contact: Steve Wilson (616-949-1234).		
Agreement State Licensee? (Double Check)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Moved to an Agreement State?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Tony Troiano, Quality Products, Inc. (813-248-4842 and ttroiano@multipress.com). John Kosminski, Plant Engineer, Mill Steel, Melvindale (616-949-1234).		
Mill Steel purchased the Technical Metals facility from Quality Products, Inc., Technical Metal's parent. The gauges are still in use.		
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>3678</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	GR100		²⁴¹ Am	1000	19911	3963-30GL	A	
2	GR100		²⁴¹ Am	1000	19911	3963-30GL	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: ___ 3678 _____	
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
X	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
X	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:
<input type="checkbox"/>	
<input type="checkbox"/>	

The gauge or gauges are still in use at the address of record. The new owner of the facility is Mill Steel Company.

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>3649</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Teleco Oilfield Services 105 Pondview Meriden, CT 06450		
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Phil Stoehr, Baker Atlas (713-625-4623). Burt Winders, Radiation Protection Division, Baker Hughes INTEQ (337-856-3323). Teleco Oilfield Services was purchased by Baker Hughes and became Baker Hughes INTEQ. Baker Hughes INTEQ amended its specific license to include the gauges. It subsequently recycled the cesium in the gauges through Monserco Limited. Mr. Winders faxed a copy of the letter confirming transfer.		
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>3649</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	3660	18246	¹³⁷ Cs	200	19844	IL-01010-02	A	
2	3660	18830-B	¹³⁷ Cs	100	19844	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: ___ 3649 _____	
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 gauges were moved to a specific license and, subsequently, properly transferred to a 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>62636</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Therma-Systems 140 Circle Drive Piscatway, New Jersey 08854		
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) The company moved to a new facility at 100 Wade Avenue, South Plainfield, New Jersey. Probably prior to the move, the gauges were transferred to a company in Texas. The vendor was not involved in the transfer and no regulatory body was notified. Between the contractor's conversation with the licensee and the present, the company went out of business and its assets were sold.		
Describe Communication with Registration Vendor: Nancy Newsome at ABB Industrial Systems (614-261-2339). ABB Industrial Systems reported that the equipment went (improperly) to a manufacturer in Texas. The gauges were returned to ABB Industrial Systems January 4, 1994.		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>62636</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	O-2		⁹⁰ Sr	70	19932	34-00255-06G	A	
2	O-2		⁹⁰ Sr	70	19932	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>62636</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:

Although the gauges had been improperly transferred at one point, they were eventually 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>65733</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: Universal Machine 525 West Vine Street Pottstown, Pennsylvania 19464		
NEW - Complete Name, Address, Contact, Phone Number: Advantis Pharma Manati, Puerto Rico Contact: Domingo Lopez 787-884-7911 Domingo.Lopez@Aventis.com Alternate Contact: Terry Mead, Head of EHS for North America Drug Product and Commercial Operations, Aventis (TerryMead@aventis.com ; 816-966-3402)		
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) Don Scheirer, Engineer, Universal Machine (610-323-1810). Terry Mead, Head of EHS for North America Drug Product and Commercial Operations, Aventis (TerryMead@aventis.com ; 816-966-3402). Universal Machine is a manufacturer of industrial equipment including bottling equipment. The devices in question were obtained on behalf of Aventis for use on a machine that was being installed in its Manati, Puerto Rico facility (called Aventis Pharma) to bottle Nasacort AQ. For some reason, the first device shipped was not acceptable and was returned (as confirmed by the vendor). The second device is in use. Aventis has apparently added a second gauge at some point.		
Describe Communication with Registration Vendor: Vendor confirmed that it shipped one device to Universal, then shipped a second to replace the first. It confirmed that the first was returned		
Vendor Follow-up Action:		
Final Action Taken:		
Cause of Bad Address/Lesson Learned:		

Form TI-2: Device Information

RCODE: <u>65733</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1	FT-50	5661	²⁴¹ Am	100	19942	1586-70GL	A	
2	FT-50	113231	²⁴¹ Am	100	19943	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
1	FT-50	116393	²⁴¹ Am	100	?	1586-70GL	Purchase	

Status Codes:

A - Source accounted for

N - Source not accounted for

Form TI-3: General Licensee Inspection Documentation

RCODE: <u>65733</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 checked="" type="checkbox"/>	The general licensee of record is located at the address of record and
<input checked="" 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.
<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 gauge and another such gauge are in use at an Avantis facility in Puerto Rico.

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>3106</u>		
Region: <u>1</u>		
OLD - Complete Name, Address, Contact, Phone Number: U.S. Steel Corporation Vandergrift, PA 15690		
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) Dave Moniot of USS Headquarters, Environmental (412-433-5901) Ted Brewer, Allegheny Teledyne (724-568-5224). Joe Dileo, Safety Department, Allegheny Ludlum, Vandergrift plant (724-845-0358) The Vandergrift facility was sold to Allegheny Ludlum as an operating plant. A representative of Allegheny Teledyne stated that a radiation survey and check prior to Allegheny Teledyne assuming ownership found no gauges present.		
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>3106</u>								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
1			⁹⁰ Sr	675	19601	34-00255-06G	A	
2			⁹⁰ Sr	675	19601	34-00255-06G	A	
3	T		⁹⁰ Sr	675	19604	34-00255-06G	A	
4	T		⁹⁰ Sr	675	19604	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>3106</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.
<input checked="" type="checkbox"/>	Other: (explain) The general licensee of record is <u>not</u> located at the address of record. The current operator of the facility reports that it has never used the gauges identified in this case.
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 current owner of the Vandergrift plant says that these gauges were not present when it purchased the plant. Since the gauges were originally distributed in 1960, that is extremely likely. While it is likely that the gauges were disposed of properly, if they were not, there is little hope of tracking gauges distributed in 1960 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