

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 |
| <p>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.</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: <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

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|--|--|
| 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; |
| 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"/> | |

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