

Form TI-1 Case Resolution

Case Status:	Open	Closed <input checked="" type="checkbox"/>
RCODE: 175		
Region: II		
OLD - Complete Name, Address, Contact, Phone Number: Carbon Fuel Company Winifrede Mine Winifrede, WV 25214		
NEW - Complete Name, Address, Contact, Phone Number: Kanawha Eagle Coal Companies One Carbon Center, Suite 200 Chesapeake, WV 25315 Ron Gallimore (304) 949-1873		
Agreement State Licensee? (Double Check)	Yes	No <input checked="" type="checkbox"/>
Moved to an Agreement State?	Yes	No <input checked="" type="checkbox"/>
Describe Follow-up: (Telephone, Internet, Chamber of Commerce, Other) Through Internet searches, it was learned that Carbon Fuel sold to Penn VA Coal Company in the late 90's. Later, equipment and mines were sold to Kanawha Eagle Coal Companies. Inspectors visited Kanawha Eagle Coal Companies in Chesapeake, WV at One Carbon Center, Suite 200, Chesapeake, WV, 25315. Joseph Beville (304 949-1873) told inspectors to talk to Penn VA Coal about the old Kanawha site. Penn VA Coal was located in the same center, in Suite 100. The inspectors spoke to Gary Persinger, who was the property manager of Penn, VA Coal. Mr. Persinger remembered the Winifrede plant, and was sure that only two gauges were located there. He had comprehensive records concerning installation, leak testing, and disposal of the two gauges (see attached disposal record). After an exhaustive records search, and speaking to other staff, inspectors found no evidence of the additional gauges that were registered to Carbon Fuel in GLTS.		
Describe Communication with Registration Vendor: Original vendor (Industrial Nucleonics) was purchased by ABB. The inspector called Nancy Newsome with ABB (614) 261-2000. According to transfer records from ABB (see attached), only two devices were ever sold to Carbon Fuel at the Winifrede mine. These devices were transferred to US Steel Mining Company in the 80's, and then were returned to Kanawha Eagle (originally Carbon Fuel). The inspector also called John George with TN Technologies (now ThermoMeasure Tech) (512) 388-9100. Mr. George stated that his company had only disposed of two devices from Kanawha Eagle/Carbon Fuel. All of the information gathered here lead the inspector to believe that GLTS may show erroneous data, i.e., Carbon Fuel only purchased TWO devices, not FOUR.		
Vendor Follow-up Action: N/A		
Final Action Taken: Forwarded all information gathered to the GLTS staff in HQ.		
Cause of Bad Address/Lesson Learned: No street address in GLTS, erroneous data in GLTS showing four devices were sold to Carbon Fuel rather than two devices.		

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Licensee Name: **Carbon Fuel Company**

Form TI-2: Device Information

RCODE: 642820 & 641258 (merged into RCODE 705887)								
ID	Model Number	Serial Number	Isotope	Activity (mCi)	Sold Date	Vendor	Status (A or N)	Comments
	SH-301	0770196	Cs-137	50	19701	ABB Process Automation, Inc.	A	Disposed
	SH-301	0770197	Cs-137	50	19701	ABB Process Automation, Inc.	A	Disposed
	SH-301	?	Cs-137	50	19701	ABB Process Automation, Inc.	?	Bad data in GLTS?
	SH-301	?	Cs-137	50	19701	ABB Process Automation, Inc.	?	Bad data in GLTS?
For additional GLD's received by the licensee identified during the inspection:								
ID	Model Number	Serial Number	Isotope	Activity	Sold Date	Vendor	Status	Comments

Status Codes:

A - Source accounted for

N - Source not accounted for

RCODE: 175

Licensee Name: Carbon Fuel Company

Form TI-3: General Licensee Inspection Documentation

RCODE: 642820 & 641258 (merged into RCODE 705887)	
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"/>	Winifrede mine is no longer owned by Carbon Fuel. For further information, contact: Kanawha Eagle Coal Companies One Carbon Center, Suite 200 Chesapeake, WV 25315 Ron Gallimore (304) 949-1873
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 checked="" type="checkbox"/>	Other: (explain) Winifrede mine is under new ownership and all GLDs have been disposed of.
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 checked="" type="checkbox"/>	Unaccounted devices were never purchased by Carbon Fuel - data error?

Inspector: **N. Jeff Griffis / Andy Miller**
Materials Licensing and Inspection, Branch 1 / 2

Approved By: **Jay Henson, Chief** *J. Henson* 11/7/02
Materials Licensing and Inspection, Branch 2

Completion Date: **10/31/2002**

RCODE: **175**

Licensee Name: **Carbon Fuel Company**

ABB 650 Ackerman Rd. Columbus, Ohio 43202 Fax 614/261-2778

Please deliver the following pages to:

Name: Jeff Griffis

City:

Telecopy Ext. (404) 562-4955

From: Nancy Newsome / ABB Inc.

City: Cols. OH

Total number of pages (including cover sheet) are 4

If you do not receive all pages or if mechanical problems develop, please call Radiological Operations Center at 614/261-2339.

Our fax number is 614/261-2778.

The report you requested is included.



June 28, 1995

Mr. James L. Corsaro
Suite 100
One Carbon Center
Chesapeake, WV 25315

Dear Mr Corsaro:

This is in response to your telephone inquiry today, and confirming our conversation.

Our records show that two devices, model SH-301, were distributed to Carbon Fuel Co., Winifred, WV in July of 1971 as a general licensee of the USNRC. I have enclosed a copy of the original installation reports and copies of all subsequent source inspections which were performed by our company.

It appears that responsibility for the sources was transferred to US Steel Mining Co. in 1984 and I have enclosed a copy of a letter from us to USS describing the steps to complete such a transaction from a licensing standpoint.

If this transfer was reported as described, then the USNRC would show USS as the current licensee, and the next question would be whether USS reported transferring the source back to you.

At any rate, the transfer to Kanawha Eagle Ltd. should be reported in accordance with the procedure I have underlined in the enclosed excerpts of the Federal Code, 10CFR31.5 (our form RF-55). Furthermore, the three year inspection was due in May of this year and this should be completed before the transfer so that the records are current.

I believe this covers the issue, but if you have any other questions please let me know.

Yours truly,

A handwritten signature in dark ink, appearing to read 'Don Stephens', is written over a horizontal line.

Donald C. Stephens
Radiation Safety Officer

ABB Industrial Systems Inc.

August 7, 1984

U.S. Steel Mining Co. Inc.
Att: Jim Canterbury
13905 MacCorkle Avenue
Chesapeake, West Virginia 25315

Dear Mr. Canterbury:

In response to your telephone conversation with our Mr. Jim Smith and myself, I am enclosing information related to the possession of radioactive material under general license. Section 31.5 (c) (9) deals with the questions you raised about the transfer of possession of the gauges from Carbon Fuel to your company.

Carbon Fuel should report this transfer to the USNRC describing the equipment as Industrial Nucleonics device model SH-301. At the time of our shipment to them, our company was known as Industrial Nucleonics Corporation. Under our current name of AccuRay Corporation we are no longer licensed to distribute this type of gauge under general license.

Should you wish to dispose of the gauges, we suggest you arrange to ship them to Nuclear Research Corporation, 125 Titus Ave., Warrington, PA 18976. Mr. Pete Hatiz at 215-357-5015 should be able to assist you.

De-installation and preparation for shipment must be performed by an agency licensed to do so in accordance with section 31.5 (c) (3). Please feel free to contact Jim Smith if you need any assistance in this area.

I trust this information is satisfactory. Please let me know if you need anything further.

Very truly yours,

Doris Kramer
Administrator
Radiological Operations

Enclosure: BF-55

cc: J. Smith



TN Technologies ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

June 22, 1999

Ron Gillimore
KENAWHA EAGLE
1 Carbon Center Ste. 200
Chesapeake WV 25315
RMA Number 24478

This is to certify that TN Technologies has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License LO3524.

Manufacturer	Model	Serial	Isotope	Source	Activity Units	Assay
INDUSTRIAL		0770196	Cs-137	CS-9422	50 mCi	5/69
INDUSTRIAL		0770197	Cs-137	CS-9423	50 mCi	5/69
Summary (2 sources)					100 mCi	

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material. If you are not the Radiation Safety Officer or responsible for maintaining regulatory records for radioactive material, please forward this letter to the appropriate person.

If you have any questions or require additional assistance, please contact us at 512-388-9100 or 800-736-0801.

Sincerely,
TN Technologies

Tracie Ritter
Technical Services Coordinator

■ ■ ■ ■
2555 North IH-35
P.O. Box 800
Round Rock, TX
78680

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512-388-9100
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