



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

2006 APR 26 PM 3:05

RECEIVED  
REGION III

Q-2

20 APRIL 06

Mr. John D. Kinneman, Chief  
Nuclear Materials Safety Branch  
Division of Nuclear Materials Safety  
Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Re: Metachem Products, LLC

07-20515-01

Dear Mr. Kinneman:

03019356

On June 17, 2002, your office wrote to the president of the former Metachem Products, LLC, regarding nuclear materials remaining at that bankrupt Company (copy attached). This letter intends to provide you with all available information relating to nuclear materials at that Company and their disposition.

In May 2002, the United States Environmental Protection Agency (EPA) initiated cleanup activities at the bankrupt Metachem Products, LLC, under the authorities of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). Those activities included the removal of generally licensed materials described in your letter to Metachem and herein.

Seven Nuclear Gauges containing Cesium-137 were removed and sent to Thermo Electron Corporation (RM License L03524)(RMA 30249) in August 2005. These devices are identified as follows:

- OHMART SN#68279
- OHMART SN#70547
- TN TECHNOLOGIES SN#B562
- TN TECHNOLOGIES SN#B563
- TN TECHNOLOGIES SN#B116
- TN TECHNOLOGIES SN#B389
- TN TECHNOLOGIES SN#B617

No additional Nuclear Gauges are now located at the former Metachem Products facility. The associated transducers for the above devices were recycled. Paperwork indicating that the devices were removed from Metachem is attached.

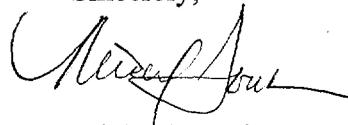
138772

EPA and its contractors inspected all buildings and storage areas at Metachem and found thirty (30) exit signs containing nuclear material. These thirty EXIT signs were shipped to ISOLITE in Bloomsburg, PA (RMA 2435 PA-RMA) in August 2005. None of the remaining EXIT signs at the former Metachem facility contain source materials. The serial numbers of the signs shipped from this location are contained in the attachments.

Regarding Electron Capture Devices (ECDs) reportedly at the Metachem facility, I understand that these devices were previously removed by Metachem prior to EPA activities. Please refer to the attached email from Sheri Minnick to me dated August 21, 2002. In order to verify this information we looked at all gas chromatograph equipment remaining at Metachem and did not find any evidence of the ECDs that were reportedly at this location. All equipment contained detection devices without source material.

At this time, based upon our inspection, available information, and the information forwarded by Sheri Minnick, it is my belief that no additional regulated material is located at the former Metachem Products, LLC, facility. It is appropriate to update NRC files accordingly. I may be reached at 215-814-3272 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Towle", with a long horizontal flourish extending to the right.

Michael Towle  
EPA On-Scene Coordinator

Attachments

cc: M. Crofts, DNREC

**Sheri Minnick**  
08/21/2002 03:33 PM

To: Michael Towle/R3/USEPA/US@EPA  
cc: jdk@nrc.gov, venturd@ttemi.com, rupert.richard@epa.gov  
Subject: Metachem radioactive devices

Hi Mike,

I have been able to reconcile all of the lists of radioactive devices that I had obtained from site records, the NRC, manufacturers, disposal firms and my own list from site inspections.

They used to have eight Electron Capture Detectors (ECDs) in gas chromatographs which have all been disposed of. I confirmed the serial numbers with the disposal firm. The NRC still has four of these devices listed in a database for Metachem, so I have copied them on this note in order to straighten their paperwork out. I have done a site inspection and to the best of my knowledge, the remaining gas chromatographs that are in the laboratory do not contain radioactive ECDs.

There are currently 7 Cesium-137 nuclear gauges at the site (of which two are listed by the NRC as generally licensed devices and the other 5 are specifically licensed under License Number 07-20515-01). Eventually, when these devices get disposed of, I will have to notify the NRC so they can remove these devices from Metachem's records. Until then, these devices have the shutters closed and locked, and obviously are secured.

The NRC has a database which lists 28 tritium EXIT signs on the site, although I have not checked to see if they are all there. Perhaps you could have Dominic go around and make a list of how many he can locate. Obviously, these devices can remain in place and useful until the site is decommissioned. They cannot be thrown into the regular trash. However, if the property gets sold, the signs can remain in place and be transferred with the property-again, we will just have to notify the NRC of the transfer.

Currently on site:

Ohmart 3400 SN 68279 Cs-137  
Ohmart 3400 SN 70547 Cs-137  
TN 5201 SN 68279 Cs-137  
TN 5202 SN B617 Cs-137  
TN 5196 SN B116 Cs-137  
TN 5201 SN B563 Cs-137  
TN 5202 SN B389 Cs-137

Devices disposed of by transfer to Agilent Technologies (contact: David Bennet 302-633-8262) located at 2850 Centerville Road, Wilmington, DE:

HP ECD SN M1661 Ni-63  
HP ECD SN K5073 Ni-63  
HP ECD SN L3606 Ni-63  
HP ECD SN L6499 Ni-63  
On-Site SN L6683 Ni-63  
On-Site SN L6684 Ni-63  
HP ECD SN L6582 Ni-63  
HP ECD SN L6583 Ni-63

I have faxed you the June 17, 2002 letter from the NRC to Frank Romanelli of Metachem, for your information. If you have any questions, please give me a call at 215-814-2089.

-Sheri Minnick



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 17, 2002

Docket No. 03019356

License No. 07-20515-01

Frank Romanelli  
President/Chief Executive Officer  
Metachem Products, LLC  
745 Governor Lea Road  
New Castle, DE 19720

RECEIVED  
JUN 18 2002  
SATTAR LODHI (3123)

SUBJECT: NOTIFICATION OF BANKRUPTCY FILING BY METACHEM PRODUCTS, LLC

Dear Mr. Romanelli:

This refers to your letter dated May 30, 2002, informing this office that Metachem Products, LLC has filed for bankruptcy under Chapter 11 of the U.S. Bankruptcy Code. Your letter is accepted as the notification required by 10 CFR 30.34(h).

The regulations cited above require each licensee to provide the required notification; therefore, we request your assistance in providing to us the names, addresses and telephone numbers of any other entities who may be affected by the bankruptcy (i.e., other daughter companies of a bankrupt parent company, where the daughter has an NRC or Agreement State license).

Please note that even though a licensee may be involved in bankruptcy proceedings, NRC regulations and license conditions remain in full effect. Also, NRC licenses remain in full effect even beyond their stated expiration date, until terminated in writing by NRC. If the licensee no longer exists as an entity, the person with legal control of contaminated equipment or property transferred by the licensee is obligated to control all licensed material and to decontaminate and decommission any facilities or equipment, and to comply with applicable NRC requirements. We have discussed these requirements with the USEPA who is now in control of the site.

Our records also indicate that Metachem Products, LLC at its facility in New Castle, Delaware, received several generally licensed devices. These devices include at least 4 gas chromatographs received between 1989 and 1991, 27 'EXIT' signs received in 1990, 1 'EXIT' sign received in 1991, and 2 gauges containing cesium 137 received in 1980. As of February 16, 2001, general licensees are required to notify the NRC of any filing for bankruptcy, if they possess devices that are subject to registration under 10 CFR 31.5(c)(13). A general licensee is responsible for ensuring appropriate control and transfer of licensed materials in its possession regardless of applicability of the notification requirement.

We will continue to monitor activities at the above site to ensure that either licensed material is properly disposed of, or the company is able to exit bankruptcy and operate normally. If you have any questions regarding this matter, we encourage you to contact Sattar Lodhi at (800) 432-1156.

F. Romanelli  
Metachem Products, LLC

2

Thank you for your cooperation.

Sincerely,

***Original signed by John D. Kinneman***

John D. Kinneman, Chief  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety

cc:  
Sheri Minnick, USEPA



1280 Porter Road • Bear, Delaware 19701 • 302-834-1000 • 1-800-345-4395 • Fax: 302-834-0386

October 10, 2005

Mr. Doug Fox  
U.S. EPA Region 3  
1650 Arch St.  
Philadelphia, PA 19103

RE: CERCLA Offsite Disposal Report for the Low-Level Radioactive and/or  
Electrical Equipment or Items  
Metachem (Standard Chlorine) Site  
Delivery Order 04-03-06

Dear Mr. Fox,

Enclosed are the completed CERCLA Off-Site Disposal Reports for the low-level radioactive materials that were found at the Metachem (Standard Chlorine) Site.

The following material was transported to Isolite – Safety Light Corp. via FedEx:

- Thirty (30) Self-luminous EXIT signs

The following material was transported to Thermo Electron under Bill of Lading:

- Seven (7) Transponders

The following material was transported to Supreme Computer and Electronic Recycling, Inc. under Bill of Lading:

- Seven (7) Transducers

The cost for the transportation and disposal of the low-level radioactive material was \$36,574.00. The attached reports detail the disposal information.

Should you have any questions or require additional information, please contact me at (302) 834 –1000, extension 276.

Sincerely,

Jenifer Mattern  
Transportation and Disposal Manager

Enclosures

cc: Site file  
Jim Crosby

**Metachem (Standard Chlorine) Site  
Delivery Order 04-03-6  
CERCLA Off-Site Disposal Report**

**WASTE STREAM: Low-Level Radioactive Self-Luminous EXIT Signs**  
**SHIPPING NAME: NA, Shipped Fed-Ex**

**1. Superfund Site Name/State/CERCLA Number:**

Metachem (Standard Chlorine) Site  
745 Governor Lea Road  
Delaware City, DE 19720

EPA ID: DED 041 212 473  
NRC Permit # 07-20515-01

**2. Type of Action:**

X	<b>Removal</b>		<b>Remedial</b>
	<b>Fund-Financed</b>		<b>Fund-Financed</b>
	<b>PRP-Financed</b>		<b>PRP-Financed</b>

**3. Type and form of material:**

If more than one type attached separate sheet for this question and remaining questions for each type.

TYPE		FORM
	<b>Solvents(PCE)</b>	<b>Wastewater</b>
	<b>Dioxins/furans</b>	<b>Liquid waste</b>
	<b>Cyanides</b>	<b>Organic sludge (&gt;1% total solids)</b>
	<b>Heavy metals(specify:)</b>	<b>Inorganic sludge (&lt;1% total organic carbon)</b>
	<b>Acids</b>	X <b>Solid or solidified waste</b>
	<b>PCBs</b>	<b>Contaminated debris</b>
	<b>Halogenated organics (PCE)</b>	
	<b>Other RCRA-listed waste</b>	
	<b>Specify:</b>	
X	<b>Radioactive</b>	
	<b>Non-hazardous or de-listed wastes</b>	

**4. Quantity of Material:** 30 exit signs

**5. Range, average and/or representative concentrations of the contaminants of concern:**  
20 curies Betalux E U10

**6. Pre-treatment of material prior to transportation: (Check one)**

<input checked="" type="checkbox"/>	<b>None</b>
<input type="checkbox"/>	<b>Precipitation</b>
<input type="checkbox"/>	<b>Neutralization</b>
<input type="checkbox"/>	<b>Solidification</b>
<input type="checkbox"/>	<b>Fixation</b>
<input type="checkbox"/>	<b>Stabilization</b>
<input type="checkbox"/>	<b>Other:</b>

**7. Receiving facility name/location/ID number/units:**

Isolite – Safety Light Corp.  
4150-A Old Berwick Road  
Bloomsburg, PA 17815

License #: NRC 37-00030-08

**8. Receiving Region:            III**

**9. Receiving Region Off-site Contact (RROC):    NA**

**10. Date(s) of Shipments/Disposal:**

FedEx Tracking #'s: 7911 7797 4839  
                              7923 6409 8010  
                              7901 2702 1050  
                              7901 2702 0400  
                              7906 1849 4353  
                              7923 6409 5477

Transporter:            FedEx Overnight  
Date shipped:            8/23/05  
Facility Receipt:        8/24/05

Attachments: Tracking Summaries  
                      Return Material Authorization #2435 PA-RMA

**11. Pre-treatment of material prior to final treatment or disposal:**

<input checked="" type="checkbox"/>	<b>None</b>
<input type="checkbox"/>	<b>Precipitation</b>
<input type="checkbox"/>	<b>Neutralization</b>
<input type="checkbox"/>	<b>Solidification</b>
<input type="checkbox"/>	<b>Fixation</b>
<input type="checkbox"/>	<b>Stabilization</b>
<input type="checkbox"/>	<b>Other:</b>

**12. Final method of treatment or disposal/unit recovery:**

	<b>Precipitation</b>
	<b>Neutralization</b>
	<b>Incineration</b>
	<b>Landfill</b>
	<b>Land treatment</b>
	<b>Injection</b>
X	<b>Recovery/re-use</b>
	<b>Other:</b>

**13. If waste was landfilled:**

na

**14. Cost of Activities:**

- Cost per Sign : \$150.00  
Total Costs: \$4,500.00

**Additional Information:**

Tracking summary



Close Window

Track Shipments  
Detailed Results



Tracking number	790127020400	Reference	2435 PA-RMA
Signed for by	R.MARSHALL	Destination	Bloomsburg, PA
Ship date	Aug 23, 2005	Delivered to	Shipping/Receiving
Delivery date	Aug 24, 2005 2:47 PM	Service type	Standard Overnight
		Weight	6.0 lbs.

Status Delivered

Date/Time	Activity	Location	Details
Aug 24, 2005	2:47 PM Delivered	Bloomsburg, PA	
	9:59 AM Arrived at FedEx location	MEMPHIS, TN	
	9:01 AM On FedEx vehicle for delivery	MONTOURSVILLE, PA	
	8:56 AM At local FedEx facility	MONTOURSVILLE, PA	
	3:25 AM Departed FedEx location	NEWARK, NJ	
Aug 23, 2005	11:43 PM Arrived at FedEx location	NEWARK, NJ	
	6:06 PM Left origin	NEW CASTLE, DE	
	4:12 PM Picked up	NEW CASTLE, DE	
Aug 22, 2005	10:34 AM Package data transmitted to FedEx		



Subscribe to tracking updates (optional)

Your Name:

Your Email Address:

Email address	Language	Exception updates	Delivery updates
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<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format:  HTML  Text  Wireless

Add personal message:

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Tracking summary



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Track Shipments  
Detailed Results



<b>Tracking number</b>	790127021050	<b>Reference</b>	2435 PA-RMA
<b>Signed for by</b>	R.MARSHALL	<b>Destination</b>	Bloomsburg, PA
<b>Ship date</b>	Aug 23, 2005	<b>Delivered to</b>	Shipping/Receiving
<b>Delivery date</b>	Aug 24, 2005 2:47 PM	<b>Service type</b>	Standard Overnight
		<b>Weight</b>	6.0 lbs.

**Status** Delivered

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Select format:  HTML  Text  Wireless

Add personal message:

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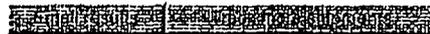
Track Shipments  
Detailed Results



Tracking number	790618494353	Reference	2435 PA-RMA
Signed for by	R. MARSHALL	Destination	Bloomsburg, PA
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Delivery date	Aug 24, 2005 2:47 PM	Service type	Standard Overnight
		Weight	6.0 lbs.

Status: Delivered

Date/Time	Activity	Location	Details
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Select format:  HTML  Text  Wireless

Add personal message:

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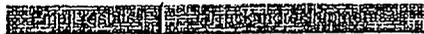
Track Shipments  
Detailed Results



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<b>Ship date</b>	Aug 23, 2005	<b>Delivered to</b>	Shipping/Receiving
<b>Delivery date</b>	Aug 24, 2005 2:47 PM	<b>Service type</b>	Standard Overnight
		<b>Weight</b>	6.0 lbs.

**Status**                      Delivered

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Track Shipments  
Detailed Results



Tracking number	792364095477	Reference	2435 PA-RMA
Signed for by	R.MARSHALL	Destination	Bloomsburg, PA
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Delivery date	Aug 24, 2005 2:47 PM	Service type	Standard Overnight
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Select format:  HTML  Text  Wireless

Add personal message:

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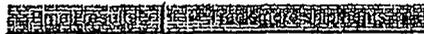
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Detailed Results



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Your Email Address:

Email address	Language	Exception updates	Delivery updates
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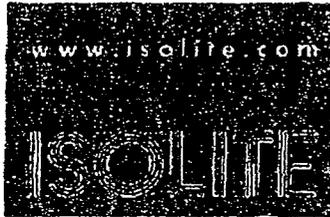
Select format:  HTML  Text  Wireless

Add personal message:

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September 6, 2005

Capital Environmental Services  
Attn: Kim Swann  
8229 Boone Blvd  
Suite 380  
Vienna, VA 22182

RE: Return Material Authorization # 2435 PA-RMA

To Whom It May Concern:

This letter serves as confirmation that 30 exit signs (received at Safety Light Corp. on August 25, 2005 with serial numbers 136556-7, 136567, 136569-78, 136714-6, 137147-9, 140442-5, 146278 and 189689-94) were transferred from your location to our licensed facility in Bloomsburg, PA. This satisfies your obligation under the Code of Federal Regulations, 10CFR31.5(c)(8). Serial numbers will be sent to the USNRC in a quarterly statement.

If you have questions please do not hesitate to contact me at any time. Thank you.

Regards,

A handwritten signature in black ink that reads "Nicole Seydel". The signature is written in a cursive, flowing style.

Nicole Seydel  
Sales Services

**Metachem (Standard Chlorine) Site  
Delivery Order 04-03-6  
CERCLA Off-Site Disposal Report**

**WASTE STREAM:** Low-Level Radioactive Transponders  
**SHIPPING NAME:** Radioactive Material, Type A package, 7, UN2915, Cs-137  
**MANIFEST:** Bill Of Lading

**1. Superfund Site Name/State/CERCLA Number:**

Metachem (Standard Chlorine) Site  
745 Governor Lea Road  
Delaware City, DE 19720

EPA ID: DED 041 212 473  
NRC Permit # 07-20515-01

**2. Type of Action:**

<input checked="" type="checkbox"/>	<b>Removal</b>		<b>Remedial</b>
	<b>Fund-Financed</b>		<b>Fund-Financed</b>
	<b>PRP-Financed</b>		<b>PRP-Financed</b>

**3. Type and form of material:**

If more than one type attached separate sheet for this question and remaining questions for each type.

TYPE		FORM
	<b>Solvents(PCE)</b>	<b>Wastewater</b>
	<b>Dioxins/furans</b>	<b>Liquid waste</b>
	<b>Cyanides</b>	<b>Organic sludge (&gt;1% total solids)</b>
	<b>Heavy metals(specify:)</b>	<b>Inorganic sludge (&lt;1% total organic carbon)</b>
	<b>Acids</b>	<input checked="" type="checkbox"/> <b>Solid or solidified waste</b>
	<b>PCBs</b>	<b>Contaminated debris</b>
	<b>Halogenated organics (PCE)</b>	
	<b>Other RCRA-listed waste</b>	
	<b>Specify:</b>	
<input checked="" type="checkbox"/>	<b>Radioactive</b>	
	<b>Non-hazardous or de-listed wastes</b>	

**4. Quantity of Material:** 7 transponders

**5. Range, average and/or representative concentrations of the contaminants of concern:**  
25.9-37 GBq

**6. Pre-treatment of material prior to transportation: (Check one)**

<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Neutralization
<input type="checkbox"/>	Solidification
<input type="checkbox"/>	Fixation
<input type="checkbox"/>	Stabilization
<input type="checkbox"/>	Other:

**7. Receiving facility name/location/ID number/units:**

Thermo Electron  
2555 N. IH 35  
Round Rock, TX 78664

License # NRC 42-01485-04  
TX L03524

**8. Receiving Region:** VI

**9. Receiving Region Off-site Contact (RROC):** NA

**10. Date(s) of Shipments/Disposal:**

Manifest: Bill of Lading  
Transporter: Roadway Express  
Date shipped: 8/18/05  
Facility Receipt: 9/12/05

Attachments: Bill of Lading  
Acknowledgment of Receipt

**11. Pre-treatment of material prior to final treatment or disposal:**

<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Neutralization
<input type="checkbox"/>	Solidification
<input type="checkbox"/>	Fixation
<input type="checkbox"/>	Stabilization
<input type="checkbox"/>	Other:

**12. Final method of treatment or disposal/unit recovery:**

	<b>Precipitation</b>
	<b>Neutralization</b>
	<b>Incineration</b>
	<b>Landfill</b>
	<b>Land treatment</b>
	<b>Injection</b>
X	<b>Recovery/re-use</b>
	<b>Other:</b>

**13. If waste was landfilled:**

na

**14. Cost of Activities:**

- **Cost per Unit :** \$4,525.00  
**Total Costs:** \$31,675.00

**Additional Information:**

# BILL OF LADING

**CONSIGNEE:**  
 THERMO ELECTRON  
 2555 N. IH 35  
 Round Rock, Tx 78664

**SHIPPER:**  
 US EPA REGION III- METACHEM SITE  
 745 GOVERNOR LEA BLVD.  
 DELAWARE CITY, DE 19706

NATURE AND QUANTITY OF CONTENTS

PACKAGE

PROPER SHIPPING NAME	FORM	ACTIVITY	CATEGORY	TRANSPORT INDEX	TYPE
HAZARDOUS MATERIALS DESCRIPTIONS AND PROPER SHIPPING NAME (FORM 49 CFR 172.101 HAZARDOUS MATEIRALS TABLE)	CHEMICAL FORM AND PHYSICAL STATE (GAS/ LIQUID/SOLID) OR SPECIAL FORM	NUMBER OF BECQUERELS AND CURIES	I - WHITE OR II - YELLOW OR III-YELLOW LABEL	FOR YELLOW LABEL CATEGORIES ONLY	TYPE A OR TYPE B
Radioactive Material, Type A package, 7, UN2915, Cs-137	Solid, Ceramic	25.9GBq (700mCi.)	II-yellow	.3	A
Radioactive Material, Type A package, 7, U N2915 Cs-137, RQ	Solid, Ceramic	37GBq (1000mCi)	II-yellow	.3	A
<p>TWO PALLETES TOTAL                      APPX. 300lbs. each</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>144-628521-7</p> <p><small>Roadway's tariffs are incorporated herein (copies available upon request). Roadway's tariffs limit its liability. This shipment is subject to the terms and conditions of the Uniform Straight Bill of Lading as stated in the NMFC 100 series tariff.</small></p> </div> <div style="font-size: 2em; font-family: cursive;"> <p>Run (2) May 8-18-05</p> <p>see skid etc</p> <p>H/S in Boxes when P/O</p> </div> </div>					
CKR	PCS	O/B UNIT	DEST		

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

RMA #: 30249

EMARKS:

Emergency phone # (800) 424-9300

## Thermo MeasureTech

2555 North IH-35  
 Round Rock, Texas 78664  
**Emergency Telephone: (512) 388-9310**  
 Telephone: (512) 388-9100  
 Fax: (512) 388-9200  
[www.thermomeasuretech.com](http://www.thermomeasuretech.com)

*Ray Wylie* 8-18-05  
 AUTHORIZED SIGNATURE DATE



**ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL**

September 12, 2005

Kim Swann  
Capitol Environmental Services, Inc.  
Suite 15-C Trolley Square  
Wilmington, DE 19806

RMA Number 30249

Attention Kim Swann:

This is to certify that Thermo Electron has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License L03524.

Manufacturer	Model	Serial	Isotope	Source	Activity Units	Assay
OHMART	SR-1A	68279	Cs-137	68279	300 mCi	3/1/1980
OHMART	SR-1A	70547	Cs-137	70547	300 mCi	6/1/1981
TN TECHNOLOGIES	5201	B562	Cs-137	GV-1474	100 mCi	9/3/1985
TN TECHNOLOGIES	5201	B563	Cs-137	GV-1471	100 mCi	9/3/1985
TN TECHNOLOGIES	5196	B116	Cs-137	MS-062	500 mCi	1/13/1981
TN TECHNOLOGIES	5202	B389	Cs-137	GG-2549	200 mCi	11/29/1985
TN TECHNOLOGIES	5202	B617	Cs-137	GG-3420	200 mCi	12/4/1986

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 1-800-437-7979.

Sincerely,  
Thermo Electron

Angelica Guidry  
Services Support Specialist

**Metachem (Standard Chlorine) Site  
Delivery Order 04-03-6  
CERCLA Off-Site Disposal Report**

**WASTE STREAM:** Non-Regulated Transducers  
**SHIPPING NAME:** NA  
**MANIFEST:** Bill Of Lading

**1. Superfund Site Name/State/CERCLA Number:**

Metachem (Standard Chlorine) Site  
745 Governor Lea Road  
Delaware City, DE 19720

EPA ID: DED 041 212 473  
NRC Permit # 07-20515-01

**2. Type of Action:**

X	<b>Removal</b>		<b>Remedial</b>
	<b>Fund-Financed</b>		<b>Fund-Financed</b>
	<b>PRP-Financed</b>		<b>PRP-Financed</b>

**3. Type and form of material:**

If more than one type attached separate sheet for this question and remaining questions for each type.

TYPE		FORM	
	<b>Solvents(PCE)</b>		<b>Wastewater</b>
	<b>Dioxins/furans</b>		<b>Liquid waste</b>
	<b>Cyanides</b>		<b>Organic sludge (&gt;1% total solids)</b>
	<b>Heavy metals(specify:)</b>		<b>Inorganic sludge (&lt;1% total organic carbon)</b>
	<b>Acids</b>	X	<b>Solid or solidified waste</b>
	<b>PCBs</b>		<b>Contaminated debris</b>
	<b>Halogenated organics (PCE)</b>		
	<b>Other RCRA-listed waste</b>		
	<b>Specify:</b>		
	<b>Radioactive</b>		
X	<b>Non-hazardous or de-listed wastes</b>		

**4. Quantity of Material:** 7 transducers

**5. Range, average and/or representative concentrations of the contaminants of concern:**  
100% transducer

**6. Pre-treatment of material prior to transportation: (Check one)**

<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Neutralization
<input type="checkbox"/>	Solidification
<input type="checkbox"/>	Fixation
<input type="checkbox"/>	Stabilization
<input type="checkbox"/>	Other:

**7. Receiving facility name/location/ID number/units:**

Supreme Computer and Electronic Recycling, Inc.  
1955 Swarthmore Ave., Units 4-5  
Lakewood, NJ 08701

License # NJ 1514001490

**8. Receiving Region:** II

**9. Receiving Region Off-site Contact (RROC):** NA

**10. Date(s) of Shipments/Disposal:**

Manifest: Bill of Lading  
Transporter: Supreme Computer & Electronic Recycling, Inc.  
Date shipped: 8/12/05  
Facility Receipt: 8/12/05

Attachments: Bill of Lading  
Certificate of Recycling/Destruction

**11. Pre-treatment of material prior to final treatment or disposal:**

<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Precipitation
<input type="checkbox"/>	Neutralization
<input type="checkbox"/>	Solidification
<input type="checkbox"/>	Fixation
<input type="checkbox"/>	Stabilization
<input type="checkbox"/>	Other:

**12. Final method of treatment or disposal/unit recovery:**

	Precipitation
	Neutralization
	Incineration
	Landfill
	Land treatment
	Injection
X	Recovery/re-use
	Other:

**13. If waste was landfilled:**

na

**14. Cost of Activities:**

- Cost per Unit : \$57.00  
Total Costs: \$399.00

**Additional Information:**

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 ARCH STREET  
MAIL CODE  
PHILADELPHIA, PA 19103-2029  
OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300



016-16504068  
\$01.350  
04/21/2006  
Mailed From 19103  
US POSTAGE

Mr. John D. Anneman, Chief  
Nuclear Materials Safety Branch  
Division of Nuclear Materials Safety  
Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pa 19406-1415

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