



Br. 3

August 15, 2009

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Attention: Sattar Lodhi  
Senior Health Physist

03011139

Re: General Chemical LLC – Delaware Valley Works  
License Number – 07-16499-01

2009 AUG 21 AM 11:09  
RECEIVED  
REGION 1

Dear Mr. Lodhi:

General Chemical, LLC (“General Chemical”) is submitting this Certificate of Disposition of Materials for the licensed facility located in Claymont, DE which has ceased all production, the facility was permanently shutdown and no longer has any radioactive sources on site.

All fixed gauges were removed from the General Chemical facility and sent to Thermofisher (formerly Thermo Electron Corporation and Thermo MeasureTech) as indicated on the acknowledgment of receipts.

As the responsible official for the Delaware Valley Works facility at General Chemical, there have not been any leaking sources ever identified at the facility. We respectfully request that the Agency terminate the License and any fees associated with the License as there have not been any sources on site for since 2004.

Should you have any questions or require additional information, please contact Kathleen Nese at (973) 515-1840.

Sincerely,

Michael A. Ware  
VP Manufacturing & Engineering  
General Chemical, LLC

144085  
NRC/RGNI MATER. ALS-002

### CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS  
**General Chemical LLC (formerly General Chemical Corporation)**  
**6300 Philadelphia Pike**  
**Claymont, DE 19703-2712**

LICENSE NUMBER: **07-16499-01**  
DOCKET NUMBER: **030-11139**  
LICENSE EXPIRATION DATE: **06/30/2012**

This license has expired.  **A. LICENSE STATUS (Check the appropriate box)**  
This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**  
(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)  
The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
  - a. Transfer of radioactive materials to the licensee listed below:  
**Transfer Dates: 9/5/99, 7/22/03 and 2/17/04 to Thermofisher. Contact the Radiation Safety Officer at 512-388-9100.**  
*Texas Radioactive Material License L03504.*
  - b. Disposal of radioactive materials:
    - 1. Directly by the licensee:
    - 2. By licensed disposal site:
    - 3. By waste contractor:
  - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

### C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
  - a. the absence of licensed radioactive materials
  - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
  - a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
  - a. The results of the latest leak test are attached; and/or
  - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
<b>Kathleen Nese</b>	<b>Manager - EHS</b>	<b>(973) 515-1840</b>	<b>KNESE@GENCHEMCoRP.COM</b>

Mail all future correspondence regarding this license to:

**General Chemical LLC 90 East Halsey Road Parsippany, NJ 07054**

**C. CERTIFYING OFFICIAL**  
**I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT**

PRINTED NAME AND TITLE	SIGNATURE	DATE
<b>Michael A. Ware - VP Manufacturing &amp; Engineering</b>	<i>Michael A. Ware</i>	<b>8/17/09</b>

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.**



## ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

March 26, 2004

Carl Sagerstrom  
General Chemical Corp.  
6300 Philadelphia Pike  
Claymont, DE 19703

RMA Number 29488

Attention Carl Sagerstrom:

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.

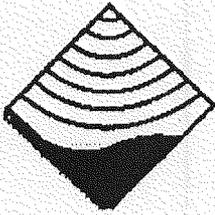
Manufacturer	Model	Serial	Isotope	Source	Activity Units	Assay
TN TECHNOLOGIES	5190	B2191	Cs-137	MA-5958	200 mCi	3/8/1979
TN TECHNOLOGIES	5191	B1407	Cs-137	MA-6966	1000 mCi	6/6/1980
TN TECHNOLOGIES	5190	671	Cs-137	MA-1127	200 mCi	3/5/1975
TN TECHNOLOGIES	5190	672	Cs-137	MA-1110	200 mCi	3/5/1975
TN TECHNOLOGIES	5201	B2345	Cs-137	GV-6280	20 mCi	5/14/1993
TN TECHNOLOGIES	5201	B2346	Cs-137	GV-6791	20 mCi	9/11/1993

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,

Martha Hernandez  
Licensing & Regulatory Specialist



TN Technologies

ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

October 5, 1999

Sonji Carter  
 GENERAL CHEMICAL  
 6300 Philadelphia Pike  
 Claymont DE 19703  
 RMA Number 24697

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
KAY-RAY/SENSALL	7062	N/A	Cs-137	GF-5750	100 mCi	10/1/99
KAY-RAY/SENSALL	7062	N/A	Cs-137	GF-3724	100 mCi	11/1/86
KAY-RAY/SENSALL	7062B	21636A	Cs-137	GF-4466	50 mCi	11/1/85
KAY-RAY/SENSALL	7062B	216836B	Cs-137	GF-4451	50 mCi	11/1/85
Summary (4 sources)					300 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*  
 Tracie Ritter  
 Technical Services Coordinator

■ ■ ■ ■  
 2556 North IH-35  
 P.O. Box 800  
 Round Rock, TX  
 78680

800-736-0801  
 512-388-9100  
 (fax) 512-388-9200

www.tn-technologies.com  
 sales@tn-technologies.com

32

52

**FedEx** Express **US Airbill**

FedEx Tracking Number

8682 7487 2143

Form ID No

0215

Recipient's Copy

RECIPIENT: PEEL HERE

**1 From** This portion can be removed for Recipient's records.

Date 8/20/09 FedEx Tracking Number 868274872143

Sender's Name Kathleen Nese Phone 908 464-1500

Company GENERAL CHEMICAL

Address 235 SNYDER AVE Dept./Floor/Suite/Room

City BERKELEY HEIGHTS State NJ ZIP 07922-1140

**2 Your Internal Billing Reference**

**3 To** Recipient's Name Ms. Kathleen Lahn Phone 610 337-5364

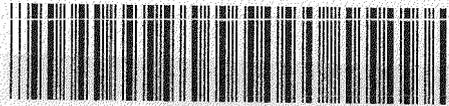
Company US Nuclear Regulatory Commission Region 2

Recipient's Address 475 Alameda Rd Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes. Address

To request a package be held at a specific FedEx location, print FedEx address here. City King of Prussia State PA ZIP 19406-1115

0395734140



8682 7487 2143

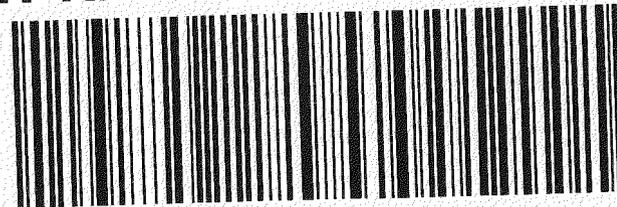
**FedEx** TRK# 0215

8682 7487 2143

**FRI - 21 AUG A2**  
**STANDARD OVERNIGHT**

**19406**  
PA-US  
**PHL**

**ZR KPDA**



Emp# 628040 20AUG09 JVIA

fedex.com 1.800.GoFedEx 1.800.463.3339

**4a Express Package Service**

FedEx Priority Overnight Next business morning\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
 FedEx Standard Overnight Next business afternoon.\* Saturday Delivery NOT available.  
 FedEx First Overnight Earliest next business morning delivery to select locations. Saturday Delivery NOT available.  
 FedEx 2Day Second business day.\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
 FedEx Express Saver Third business day.\* Saturday Delivery NOT available.  
\* To most locations.

**4b Express Freight Service**

FedEx 1Day Freight\* Next business day.\*\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
 FedEx 2Day Freight Second business day.\*\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
 FedEx 3Day Freight Third business day.\*\* Saturday Delivery NOT available.  
\* Call for Confirmation. \*\* To most locations.

**5 Packaging**

FedEx Envelope\*  FedEx Pak\* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.  FedEx Box  FedEx Tube  Other  
\* Declared value limit \$500.

**6 Special Handling**

Include FedEx address in Section 3.  
 SATURDAY Delivery Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.  
 HOLD Weekday at FedEx Location Not available for FedEx First Overnight.  
 HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.  
Does this shipment contain dangerous goods? One box must be checked.  
 No  Yes As per attached Shipper's Declaration.  Yes Shipper's Declaration not required.  Dry Ice Dry Ice, 9, UN 1845 x \_\_\_\_\_ kg  
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.  Cargo Aircraft Only

**7 Payment Bill to:**

Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.   
 Sender Acct. No. in Section 1 will be billed.  Recipient  Third Party  Credit Card  Cash/Check  
Total Packages 11 Total Weight 0.116  
Credit Card Auth.

\*Our liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

**8 Residential Delivery Signature Options**

If you require a signature, check Direct or Indirect.  
 No Signature Required Package may be left without obtaining a signature for delivery.  
 Direct Signature Someone at recipient's address may sign for delivery. Fee applies.  
 Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

519

Rev. Date 10/06/Part #158279/©1994-2006 FedEx/PRINTED IN U.S.A.\*SRS

This is to acknowledge the receipt of your letter/application dated

8/15/09, and to inform you that the initial processing which includes an administrative review has been performed.

Termination (07-16499-01)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

---

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 144085.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)  
(6-96)

Sincerely,  
Licensing Assistance Team Leader