



**Chemtura Corporation**  
199 Benson Road  
Middlebury, CT 06749

203-573-2000 **tel**  
www.chemtura.com

Betsy Ullrich, MS, CHP  
Senior Health Physicist  
Nuclear Regulatory Commission Region I  
Commercial and R&D Branch  
Division of Nuclear Material Safety  
475 Allendale Road  
King of Prussia, PA 19406-1415

Elizabeth.Ullrich@nrc.gov  
(610) 337-5040

MS 16  
Q-5

2011 JUL 19 AM 10:45  
RECEIVED  
REGION 1

Ref: License No. 06-00221-08  
Docket No. 030-03759  
Control No. 575491

Dear Ms. Ullrich,

Thank you for your prompt attention to our decommissioning report.

In response to your questions we are providing the information below.

1. Radiation Safety Associates, Inc. (RSA) picked up the LSC on June 27, 2011. A copy of the letter confirming this transfer is enclosed.
2. Three Ni63 ECDs from the gas chromatographs were returned to the manufacturer (Agilent Technologies). There were no more ECDs in the areas that were decommissioned. The copies of the letters confirming the transfer is enclosed.
3. Four Po-210 static eliminators were found during the decommissioning. They had no detectable activity remaining (see table below) and were taken by RSA. RSA will either return them to the manufacturer or dispose of them in an appropriate manner.

Isotope	Original Activity	Date	Manufacturer	Current Activity
Po-210	500 $\mu$ Ci	Oct 1989	Nuclear Products Co., El Monte, CA	2.518E-15 $\mu$ Ci
Po-210	500 $\mu$ Ci	May 1993	NRD, Inc., Grand Isle, NY	1.762E-12 $\mu$ Ci
Po-210	500 $\mu$ Ci	May 1993	NRD, Inc., Grand Isle, NY	1.762E-12 $\mu$ Ci
Po-210	500 $\mu$ Ci	May 1994	NRD, Inc., Grand Isle, NY	1.096E-11 $\mu$ Ci

575491  
NMSS/RGN1 MATERIALS-002



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4. No tritium-activated exit signs were present in the areas that were decommissioned.

Please contact me or K. Paul Steinmeyer (Radiation Safety Associates, Inc., Tel: 860-228-1426) if you need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "JK Nag", with a long, sweeping horizontal stroke extending to the right.

Jay Nag  
Radiation Safety Officer  
Tel: (203)573-3698

Cc: K. Paul Steinmeyer, RSA



# **Radiation Safety Associates, Inc.**

19 Pendleton Drive, PO Box 107 • Hebron, CT 06248

July 1, 2011

Jay Nag, RSO  
Chemtura Corporation  
199 Benson Road  
Middlebury, CT 06410

[jay.nag@chemtura.com](mailto:jay.nag@chemtura.com)  
203-573-3698

Dear Jay,

This is to confirm that we have purchased a liquid scintillation counter from Chemtura. This is a Wallace Model 1409, s/n 4090499 with a 20 $\mu$ Ci 152Eu source. We took possession of this device on June 27, 2011.

We notified Wallace of this transfer but they stated that they did not have to keep a record of the location of the source.

Sincerely,

K. Paul Steinmeyer, RRPT  
President and Radiation Safety Officer



2850 Centerville Road  
Wilmington, DE 19808

Chemtura  
Attn: Jayanta K. Nag  
199 Benson Road  
Middlebury CT 06749

8/5/2010

Reference: **Receipt of Radioactive Devices**

To Whom It May Concern:

Material License# 07-28762-01 expires 11/30/2012

This letter is to notify you that the Electron Capture Detectors listed below have been returned to, and are in possession of, Agilent Technologies Inc., 2850 Centerville Road, Wilmington, DE 19808, USA for further disposition.

<u>Serial Number</u>	<u>Model Number</u>	<u>Date Received</u>
K3502	G1223A	8/4/2010

Please understand that this letter does not relieve you of your responsibility to notify either your state nuclear regulatory agency (if you reside in an Agreement State) or the Nuclear Regulatory Commission (if you do not) of the transfer in accordance with 10 CFR 31.5 (c) (8) (i) and (ii). If you are notifying the NRC of the transfer of the device, please note the following complete mailing address:

Director of Nuclear Material Safety and Safeguards  
ATTN: GLTS  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Please contact your local Agilent Technologies, Inc. service representative if you have any questions.

Regards,

David S. Bennett  
Radiation Safety Office, U.S. Operations



2850 Centerville Road  
Wilmington, DE 19808

Chemtura  
Attn: Jayanta K. Nag  
199 Benson Road  
Middlebury CT 06749

3/16/2011

Reference: **Receipt of Radioactive Devices**

To Whom It May Concern:

This letter is to notify you that the Electron Capture Detectors listed below have been returned to, and are in possession of, Agilent Technologies Inc., 2850 Centerville Road, Wilmington, DE 19808, USA for further disposition.

<u>Serial Number</u>	<u>Model Number</u>	<u>Date Received</u>
U0322	G2397A	3/16/2011

Please understand that this letter does not relieve you of your responsibility to notify either your state nuclear regulatory agency (if you reside in an Agreement State) or the Nuclear Regulatory Commission (if you do not) of the transfer in accordance with 10 CFR 31.5 (c) (8) (i) and (ii). If you are notifying the NRC of the transfer of the device, please note the following complete mailing address:

Director of Nuclear Material Safety and Safeguards  
ATTN: GLTS  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Please contact your local Agilent Technologies, Inc. service representative if you have any questions.

Regards,

A handwritten signature in black ink, appearing to read "David S. Bennett", written over a horizontal line.

David S. Bennett  
Radiation Safety Office, U.S. Operations



2850 Centerville Road  
Wilmington, DE 19808

Chemtura  
Attn: Jayanta Nag  
199 Benson Road  
Middlebury CT 06749

3/25/2011

Reference: **Transfer of Radioactive Device(s)**

To Whom It May Concern:

This letter is to notify you that the Electron Capture Detector(s) listed below have been returned to Agilent Technologies Inc., 2850 Centerville Road, Wilmington, DE 19808, and will be transferred to the following location at a later date.

Chemtura  
Attn: Dr. Colin Moore  
12 Spencer Street  
Naugatuck CT 06770

<u>Serial Number</u>	<u>Model Number</u>	<u>Date Received</u>	<u>Local Visa Number</u>
U6616	G2397A	3/25/2011	N/A

Please contact your local Agilent Technologies, Inc. service representative if you have any questions.

Regards,

A handwritten signature in black ink, appearing to read "David S. Bennett", written over a horizontal line.

David S. Bennett  
Radiation Safety Office, U.S. Operations