



April 12, 2016

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

Subject: Disposal of Electron Capture Detector - US EPA Region 10

Dear Sir/Madam,

This letter is to notify you that the U.S. Environmental Protection Agency (EPA) Region 10 is disposing of an electron capture detector (ECD) cell that has been listed as Generally Licensed (GL) Radioactive Material. My company, Vanquish Worldwide, is the contracting operator of the EPA Emergency Response Facility in Seattle, WA, the current location of this ECD cell. Vanquish has employees trained to properly ship radioactive materials.

This ECD cell was removed from a gas chromatograph, model no. G1530A, model description 6890 Plus GC system, serial no. 2728A13491. The ECD cell product no. is 19233, and the ECD cell serial no. is L-6560 (picture is included in the attached document). The radioactive source is Isotope Ni-63, 15 mCi, source model no. NBCD.

The ECD cell will be disposed at the Agilent Technologies Little Falls facility (NRC license no. 07-28762-01), at the following address:

Agilent Technologies, Inc.
Attention: ECD LAB
2850 Centerville Road
Wilmington, DE 19808-1610

This ECD cell was shipped on April 11, 2016.

Additional GL material currently located at the EPA Region 10 Seattle Emergency Response Facility include:

- Smiths Detection APD-2000 Chemical Agent Monitor (Part no. 242880-20), serial no. 0509.
- Smiths Detection APD-2000 Chemical Agent Monitor (Part no. 242880-20), serial no. 0539.

Both of these instruments contain one Ion Mobility Spectrometer GL radioactive source each, with the isotope Ni-63, and activity of 10 mCi.

Please contact me if you have any questions or concerns. Please also feel free to contact Mr. Dale Becker, On-Scene Coordinator and Radiation Coordinator, in the EPA Region 10 Emergency Management Program, at (206) 553-6235.

Best regards,

Erik Berg, CHMM

Emergency Response Facility Manager

U.S. EPA Emergency Response Facility (Region 10): 1620 S 92nd Place, Unit B – Seattle, WA 98108
206.716.2561 Office; 206.762.3018 Fax

Corporate USA Headquarters: 235 S Old Glory Road - Maryville, TN 37801
1-855-GO-VANQUISH Office; 855-468-2678 Fax
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

Reply To
Attn Of: OMP-144

12/8/15

To: Myrna Jamison

This memo is to document the abandonment and destruction of the Electron Capture Detector. The detector has a date of 8/1989 and the manufacturer's representative indicated the detector has a typical life span of 4-10 years. This detector is more than 16 years old and needs to be properly disposed of as it has a radiation source.

Please proceed with appropriate care and handling to have this item returned to the manufacturer for disposal. Please document the receipt of the item by the manufacture and confirm they have disposed of the radioactive source materials in accordance with acceptable practices.

Andrew Hendrickson

Property Accountable Officer

cc: Lilian Sandico
Erik Berg
David Baker

Image of Electron Capture Detector that needs to be disposed of.

