



DEPARTMENT OF VETERANS AFFAIRS  
VA-St. Louis Health Care System  
915 North Grand Avenue  
St. Louis, MO 63106

Dr. Celimar Valentin-Rodriguez  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Division of Materials Safety, State, Tribal and Rulemaking Programs  
Material Safety Licensing Branch

November 29, 2017

Dear Dr. Valentin-Rodriguez:

On 26 September 2017, Mr. Dan Whitworth, PerkinElmer Senior Customer Support Engineer, removed the nominal 18.8 microcurie Barium-133 sealed source from our Packard Tri-Carb Model 2810TR Liquid Scintillation Counter (LSC), s/n DG02083663.

On 17 November 2017, PerkinElmer provided a letter (enclosure) to the VA – St. Louis Health Care System (GL – 12070) acknowledging removal and receipt of the Barium-133 sealed source.

Mr. Christopher Nation, Radiation Safety Service, performed a render safe survey on the LSC demonstrating that the instrument was radiologically clean. Our Logistic Services removed the instrument from Radiation Safety and had the instrument properly disposed.

Please remove this LSC from your generally licensed material database.

Transferor's Name: VA – St. Louis Health Care System  
915 North Grand Blvd  
St. Louis, MO 63106

Device Information: Packard Tri-Carb Liquid Scintillation Counter  
Model: 2810TR  
Serial No: DG02083663  
Isotope: Ba-133, removed and received by PerkinElmer

Should you have questions pertaining to this letter, Mr. Gary L. Hall is my point of contact. Mr. Hall may be reached by email at [gary.hall3@va.gov](mailto:gary.hall3@va.gov), or by telephone (314) 652 – 4100, ext. 54832.

Enclosure

Sincerely,

  
Keith Repko  
Medical Center Director

GLTS



PerkinElmer, Inc  
68 Elm Street  
Hopkinton, MA 01748  
USA

Phone 508.435.9500  
[www.perkinelmer.com](http://www.perkinelmer.com)

November 17, 2017

Gary L. Hall  
Radiation Safety Officer  
VA – St. Louis Health Care System  
915 N. Grand Blvd.  
St. Louis, Missouri 63106

Subject: Receipt of a Ba-133 sealed source from a Packard Tri-Carb Model 2810 TR Liquid  
Scintillation Counter (s/n DG02083663)

To: Gary L. Hall

On 9/28/17, the Receiving Department at PerkinElmer's site in Hopkinton, MA, USA, received one pellet return kit that contained one nominal 18.8  $\mu\text{Ci}$  Barium-133 sealed source. The sealed source had been removed from a Packard Tri-Carb Model 2810TR Liquid Scintillation Counter (S/N DG02083663) possessed by the Veterans Administration Medical Center (915 N. Grand Ave, St. Louis, Missouri 63106) by PerkinElmer Sr. Customer Support Engineer Dan Whitworth on 9/26/17. The removal was conducted under PerkinElmer Health Science License 56-0683 as issued by the Massachusetts Department of Public Health.

The Barium-133 source mention above is currently secured in a lead safe in a restricted area at PerkinElmer's site in Hopkinton, MA. As of today, the source is tentatively scheduled to be encapsulation at Alaron Corporation (Wampum, Pennsylvania, USA) in March 2018 and then shipped to Waste Control Specialists (Andrews, Texas, USA) for landfill.

Please contact me if you have any questions, comments, or concerns about the information contained in this letter. My office telephone number is 774-278-2715 and my email address is [joseph.dippolito@perkinelmer.com](mailto:joseph.dippolito@perkinelmer.com).

Sincerely,

Joseph A. D'Ippolito  
Sr. EH&S Engineer/Radiation Safety Officer  
PerkinElmer Health Sciences  
Radioactive Materials License 56-0683

GLTS