



**Veterans Health
Administration**

Durham VA Medical Center

Durham VA Health Care System
508 Fulton Street
Durham, NC 27705

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

October 31, 2018

Dear Dr. Celimar Valentin-Rodriguez,

On October 1, 2018, Mr. John Clarke, PerkinElmer Senior Customer Support Engineer, removed the nominal 18.8 microcurie (reference date 3/1/2008) Barium-133 sealed source from our Packard Tri-Carb Model A2810 Liquid Scintillation Counter (LSC), s/n DG07084140.

On October 23, 2018 PerkinElmer provided a letter (enclosure) to the Durham VA Health Care System (VHA Permit Number 32-01134-01) acknowledging removal and receipt of the Barium -133 sealed source.

On October 24, 2018 Ms. Mikaela Roberts, Radiation Safety Service, performed a render safe survey on the LSC demonstrating that the instrument was radiologically clean. On October 31, 2018 our Logistics 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: Durham VA Health Care System
508 Fulton St
Durham, NC 27705

Device Information: Packard Tri-Carb Liquid Scintillation Counter
Model: A2810
Serial Number: DG07084140
Isotope: Ba-133, removed and received by PerkinElmer

If you have questions pertaining to this letter, please contact Wendy Terrenoire, RSO at wendy.terrenoire@va.gov or by phone (919) 416-5851.

Sincerely,

Paul S. Crews, MPH, FACHE
Director, Durham VA Health Care System

Enclosure

GLTS



PerkinElmer, Inc.
68 Elm Street
Hopkinton, MA 01748
USA

Phone 508.435.9500
www.perkinelmer.com

October 8, 2018

Wendy W. Terrenoire, MS, CLSO
Radiation Safety Officer
Laser Safety Officer
Durham VA Health Care System
508 Fulton Street
Durham, North Carolina 27705

Subject: Receipt of a Ba-133 sealed source from a Packard TriCarb Model A2810 Liquid Scintillation Counter (s/n DG07084140)

To: Ms. Terrenoire

On 10/3/18, the Receiving Department at PerkinElmer's site in Hopkinton, MA, USA, received one pellet return kit that contained one nominal 18.8 μCi Barium-133 sealed source. The sealed source had been removed from a Packard TriCarb Model A2810 Liquid Scintillation Counter (s/n DG07084140) possessed by the Durham VA Medical Center (508 Fulton Street, Durham, NC 27707) by PerkinElmer Sr. Customer Service Engineer John Clark on 10/01/2018. 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.

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.

Sincerely,

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