

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

In accordance with the application dated  
**August 9, 2012,**3. License number 12-04933-02 is renewed in its  
entirety to read as follows:4. Expiration date **February 28, 2023**5. Docket No. 030-04098  
Reference No.

1. PerkinElmer Life Sciences

2. 2200 Warrenville Road

Downers Grove, IL 60515

6. Byproduct, source, and/or special  
nuclear material

A. Barium-133

B. Europium-152

7. Chemical and/or physical form

A. Sealed sources (Eckert &  
Zeigler/Isotope Products Model  
IND1401)B. Sealed sources (Eckert &  
Zeigler/Isotope Products Model  
1831)8. Maximum amount that licensee may  
possess at any one time under this  
licenseA. No single source to exceed  
22 microcuries. Total  
activity not to exceed 25  
millicuries.B. No single source to exceed  
20 microcuries. Total  
activity not to exceed 25  
millicuries.

9. Authorized use:

A & B. To be used for demonstration, installation, relocation, dismantling, maintenance, testing and  
servicing of scintillation counters.**CONDITIONS**10. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States  
where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed  
material.

11. A. Licensed material shall be used by or under the supervision of Rick Haines and James Hare.

B. The Radiation Safety Officer for this license is Rick Haines.

12. Sealed sources containing licensed material shall not be opened.

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SUPPLEMENTARY SHEET**License Number  
12-04933-02Docket or Reference Number  
030-04098

Amendment No. 53

13. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of the sources and/or devices, and the date of the inventory.
14. This license does not authorize commercial distribution of licensed material.
15. Licensed material shall not be used in or on human beings.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated August 9, 2012 excluding the manufacturing section;
- B. Letter dated January 24, 2013.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 30 2013

By

Toye L. SimmonsMaterials Licensing Branch  
Region III