



**INDIANA UNIVERSITY**

OFFICE OF RESEARCH COMPLIANCE  
Radiation Safety - Indianapolis

5 October 2015

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

RE: Notification of source transfer (10 CFR 31.5)

Dear Sir/Madam:

Pursuant to 10 CFR 31.5, this letter is to notify the Nuclear Regulatory Commission that a Cesium-137 source (30  $\mu$ Ci, dated May 28, 2013) was removed from a Beckman LS6500, Serial 7067021 liquid scintillation counting machine and transferred into our possession under license 13-02752-03. The transfer occurred October 5, 2015.

If you should have any questions or comments, please don't hesitate to contact me.

Sincerely,

Mack L. Richard, MS, CHP  
Director of Health Physics  
IUPUI/IUMC Radiation Safety Officer  
Office of Research Administration

NM5510

LS6500

R2-216

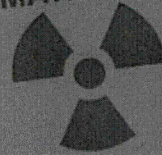
Serial 7067021

### Beckman Coulter Inc.

- A. The receipt, possession, use, and transfer of this device are subject to a general license or equivalent and the regulations of the U.S. NRC or of a state with which the NRC has entered into an agreement for the exercise of regulatory authority.
- B. This device shall not be transferred, abandoned, or disposed of except by transfer to a person holding a specific radioactive material license to receive this device.
- C. If there is any indication of a possible failure of, or damage to, the containment of the radioactive material, Beckman Coulter, Inc., shall be notified immediately, and operation of this Liquid Scintillation Spectrometer shall be immediately suspended until any necessary repairs have been made.
- D. Maintenance or repair of this Liquid Scintillation Spectrometer which involves the radioactive material contained therein, or its containment, shall be performed only by Beckman Coulter, Inc., or other person holding a specific license to perform such services from the NRC or from an agreement state.
- E. The radioactive source in this Liquid Scintillation Spectrometer is not required to be leak tested provided the background radiation indicated by the spectrometer remains normal. Any background radiation abnormality not otherwise explained shall be treated as a failure of containment of the radioactive material.

BECKMAN COULTER, INC., BREA, CA 92821  
234489-DA

**CAUTION  
RADIOACTIVE  
MATERIAL**



**ATTENTION  
MATERIAUX  
RADIOACTIFS**

ONE EACH 30 MICROCURIES  
(1.1 MBq) CESIUM-137

DATE: May 28, 2013

LOT NO.: CO00154888

P/N: CDRB15290

REMOVAL OF THIS LABEL IS PROHIBITED  
BY REGULATIONS OF THE NRC AND  
AGREEMENT STATES