



INDIANA UNIVERSITY

OFFICE OF RESEARCH COMPLIANCE
Radiation Safety - Indianapolis

6 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 Barium-133 source ($18.8 \mu\text{Ci} \pm 17\%$, dated December 4, 1991) was removed from a Packard TriCarb 1600, Serial 400743 liquid scintillation counting machine and transferred into our possession under license 13-02752-03. The transfer occurred October 6, 2015.

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

Sincerely,

Matthew A. Hadden, BS
Assistant Radiation Safety Officer
IUPUI/IUMC Radiation Safety
Office of Research Administration

NMSSID



**Caution
Radioactive
Material
Attention
Materiel
Radioactif**

NUCLIDE: BA - 133
ACTIVITY: BA 18.8 ± 17% μCi
DATE: 12-04-91

The receipt, possession, use, and transfer of this device are subject to a general license or the equivalent and the regulations of an Agreement State or a Licensing State.

Do not dismantle standardization source system or remove standardization source. Servicing of the source system shall be performed only by persons specifically authorized by an Agreement State or a Licensing State.

Abandonment or disposal is prohibited except by transfer to persons specifically licensed by an Agreement State or a Licensing State.

This device is exempt from the leak testing requirements of Section 330.220(d)(3), 32 Ill. Adm. Code or equivalent requirements of Agreement or Licensing States.

The above exemption is to be observed only if 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.

If there is any indication of a possible failure or damage to the containment of the radioactive material, Packard Instrument Company, Inc. shall be notified immediately and operation of this scintillation spectrometer shall be immediately suspended until any necessary repairs have been made.

**PACKARD INSTRUMENT COMPANY, INC.
2200 WARRENVILLE RD. • DOWNERS GROVE, IL 60515**

**THIS LABEL SHALL BE MAINTAINED ON THE DEVICE IN
A LEGIBLE CONDITION.**

REMOVAL OF THIS LABEL IS PROHIBITED.

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