

May 26, 2017

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4352

RE: License 13-02812-04

Dear Sir/Madam:

Purdue University (PU) plans to use a Cd-109 source (maximum activity of 135 mCi) for lead in bone determination on human subjects at locations not currently listed on the PU broad scope license. The locations are:

Indiana University Medical Center
541 Clinical Drive
Indianapolis, IN

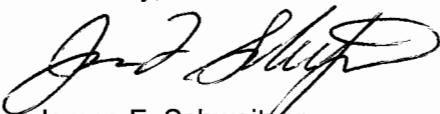
University of Chicago
5801 South Ellis Avenue
Chicago, IL 60637

The procedures and use details for the Cd-109 source and analytical system were submitted at the time of our broad scope renewal in 2016. The procedures below will be followed:

1. All commitments and procedures will be followed by PU personnel using the device.
2. The Purdue Radiation Safety Officer (RSO) (with Radiation Safety Committee approval) and other campus RSOs will be notified prior to transport of the source and the device to each respective campus.
3. The source will be transported in compliance with all Department of Transportation regulations.
4. Security of the source will be strictly enforced.
5. Reciprocity forms will be submitted to the Illinois Emergency Management Agency for activities conducted in the State of Illinois.
6. Appropriate review by the Institutional Review Board will be conducted at each participating institution.

If you should have any questions regarding this request please contact me at 765-494-2350. Thank you for your prompt attention to this matter.

Sincerely,



James F. Schweitzer
Radiation Safety Officer
jfschwei@purdue.edu

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PURDUE
UNIVERSITY

TEMP-RETURN SERVICE REQUESTED
DEPARTMENT OF RADIOLOGICAL AND
ENVIRONMENTAL MANAGEMENT

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West Lafayette, IN 47907-2051

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