

August 31, 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
ML17157B622 (Request for Additional Information)

Dear Ms. Forster:

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

Indiana University Medical Center, 1120 West Michigan St. Indianapolis, IN

At this time we have not determined an exact location (building and room number) for this research to take place. The selection and use of the room will be with full knowledge and concurrence of the Radiation Safety Office at the IU Medical Center. Purdue University staff will be responsible for use and security of the source when not in use.

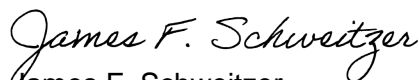
The procedures and use details for the Cd-109 source and analytical system were submitted at the time of our broad scope renewal in 2016. The procedures below will be followed:

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 the Indiana University Medical Center campus RSO will be notified prior to transport of the source and the device to the campus.
3. Transportation will be in compliance with all Department of Transportation regulations.
4. Security of the source will be strictly enforced.
5. Appropriate review by the Institutional Review Board will be conducted at each institution.

Please note that the request to use the source in Illinois is withdrawn. These activities will take place at the Purdue (Calumet) regional campus in Hammond, IN. (currently a licensed location)

If you should have any questions regarding this request please contact me at 765-494-2350.

Sincerely,



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

From: [Forster, Sara](#)
To: [Sandrik, Lauren](#); [Pavon, Sandy](#); [Song, Taehoon](#)
Subject: FW: Response to Information Request
Date: Thursday, August 31, 2017 10:04:33 AM
Attachments: [Additional Information Cd-109 Off- Campus 083117.pdf](#)

Please scan in and return to me. Thank you!!!

Sara x9892

From: Schweitzer, Jim F [mailto:jfschweitzer@purdue.edu]
Sent: Thursday, August 31, 2017 9:54 AM
To: Forster, Sara <Sara.Forster@nrc.gov>
Subject: [External_Sender] Response to Information Request

Sara

Here is the information you request. If you need additional clarification please let me know.

Thanks

Jim

James F. Schweitzer, Director
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