

PURDUE

UNIVERSITY

RADIOLOGICAL & ENVIRONMENTAL MANAGEMENT

January 13, 2012

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Reply to Notice of Violation Docket No. 030-00696

Dear Sir/Madam:

As a result of an inspection of the Purdue University Broad Scope License 13-02812-04 on September 14-16, 2011 a violation of a license condition was identified. Specifically:

License condition 21 states that "the licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the NRC pursuant to Title 10 of the Code of Federal Regulations (CFR) 32.210."

Contrary to the above the licensee acquired licensed material in a sealed source that was not registered with the NRC pursuant to 10 CFR 32.210. Specifically, on June 11, 2010, the licensee acquired a sealed source (Model IRIK-D, serial number 3/10, calibrated to be 142.2 millicuries of Cd-109 on April 5, 2010), from an overseas manufacturer (Cyclotron Co. Ltd., Russia), that was not registered with the NRC pursuant to 10 CFR 32.210

The source was believed to have been acquired under item 6 of our license which allows Purdue University to possess up to 2 curies of licensed material in any form. It is now apparent that license condition 21 precludes the possession of a sealed source that has not been registered according to 10 CFR 32.210. As a result the source has been placed into storage and is not in use at this time.

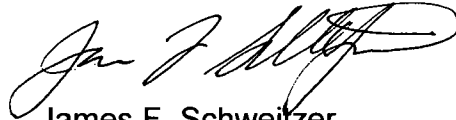
Purdue University has requested (amendment request dated December 22, 2011) that possession of the source be allowed under conditions specified by the Radiation Safety Committee. These steps would likely include conditions on use and the implementation of increased surveillance to ensure that licensed material is contained by the capsule. Additionally, Purdue University has submitted a license amendment to possess the

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source (amendment request dated September 26, 2011) and receive an evaluation by the Sealed Source and Device Registry.

Purdue University will be in full compliance once the amendment requested dated December 22, 2011 receives approval. If neither of the amendment requests receive approval the source will be disposed of by transferring to a licensed waste broker.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim F. Schweitzer', with a large, stylized flourish at the end.

James F. Schweitzer
Radiation Safety Officer

C: Carol Shelby
Senior Director, EHPS