



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

October 6, 2006

Docket No. 03034625
Control No. 139272

License No. 09-25420-01

Lynn Lefebvre, Ph.D.
Section Leader, Wildlife, Invasives, Contaminants
U.S. Department of the Interior
U.S. Geological Survey - BRD
Florida Integrated Science Center
7920 NW 71st Street
Gainesville, FL 32653

SUBJECT: U.S. DEPARTMENT OF THE INTERIOR, REQUEST FOR ADDITIONAL
INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO
LICENSE, CONTROL NO. 139272

Dear Dr. Lefebvre:

This is to confirm our telephone conversation on September 28, 2006 with Carla Wieser in which we discussed the information we need to continue review of your letter dated August 11, 2006. The items discussed are specified below.

- 1) For the liquid scintillation counter used in your submitted surveys contained in your letter dated September 19, 2006:
 - a) Specify the beta energy range represented by the counting range described as Region A: LL-UL = 0.0 - 18.6.
 - b) State the counting efficiencies for isotopes hydrogen-3, carbon-14, and iodine-125 when using Region A: LL-UL = 0.0 - 18.6
- 2) Please provide results of a floor drain wipe in the restricted areas.
- 3) The simplified survey procedure for unrestricted release is stated in Figure 8.1 on page 8-2 of NUREG-1757, Volume 1, Revision 1, "Consolidated NMSS Decommissioning Guidance, Decommissioning Process for Materials Licensees." This guidance requires one hundred percent scanning of all surfaces in the area of the facility where licensed material was used or stored, using an appropriate radiation detection instrument. Please perform and submit those surveys for these areas.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

L. Lefebvre
U.S. Department of the Interior

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We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 139272. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5366.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Carla Wieser, Radiation Safety Officer

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SUNSI Review Complete: DLawyer

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NAME	DLawyer/DRL							
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