

## Telephone Conversation Record

Person Called: Sheila Hecht, Radiation Safety Officer

Telephone No.: (573) 443-3040

Licensee: Analytical Bio-Chemistry Labs., Inc  
7200 E ABC Lane  
Columbia, MO 65202

License No: 24-13365-01

Docket No.: 030-05154

Callers: Katherine Streit, Health Physicist  
NRC Region III, Division of Nuclear Materials Safety  
Materials Control, ISFSI, and Decommissioning Branch

Date of Call: December 7, 2009

SUBJECT: DISCUSSION OF LICENSE AMENDMENT REQUEST DATED SEPTEMBER 17, 2009 REQUESTING RELEASE OF BUILDINGS A AND B FOR UNRESTRICTED USE (Mail Control #: 318571)

On the above date the RIII NRC staff contacted the licensee to discuss the license amendment request dated September 17, 2009 requesting release of buildings A and B for unrestricted use (ML092870087). During the conversation, the NRC requested additional information for review to grant the release. Below is the requested information.

- 1) A historical site assessment (HSA) must be provided to provide details of licensed activities performed in the buildings.
  - a. Provide a description of types of activities performed in the buildings, quantities and form of materials possessed and used in specific rooms and areas.
  - b. Provide a description of each building, including number of floors and rooms where licensed material was used and/or stored.
  - c. Describe each location of use with enough detail to understand size, equipment and associated ventilation and sanitary/sewer discharge systems where licensed material was used or discharged.
- 2) If material in addition to C-14 was used or stored in the buildings, include additional survey results or justification indicating that no residual contamination is present above unrestricted release criteria.
- 3) If sealed sources were stored or used in the building, provide their last leak test record.
- 4) The current release surveys are not adequate to demonstrate or support the release of facilities. Acceptable guidance on surveys is found in Figure 8.1 and Section 15.4

of NUREG 1757 vol. 1, rev. 2. Additional guidance may be found in Appendices A and B of Volume 2 of this NUREG.

- a. Describe the method used to identify individual measurement/swipe points on each surface in the facilities where licensed material was used and stored. Describe basis for frequency of wipes based on area classification and determination of fixed versus removable contamination.
  - b. Clarify if a one hundred percent scan of all surfaces in the area of the facility where unsealed licensed material was used or stored was performed. The type of instrument used should be specified with their associated efficiencies, calibration dates, and description of certified calibration sources used. Provide results in dpm.
  - c. Provide details of evaluations and/or surveys, analysis of samples collected from drains, hold-up tanks, vacuum collection systems, air vents, or other fixtures or equipment (if any) that may have become contaminated during licensed material use. This is especially significant in situations where renovations have occurred and potentially contaminated areas may be inaccessible under current conditions.
- 5) Provide a statement indicating if all material has been removed from the buildings.
  - 6) The memorandum dated September 4, 2009 states that the command's trigger level for loose surface contamination is 200 dpm. What actions were taken, if any, if removable contamination was found above this limit?
  - 7) The license amendment request states no residual contamination was found above the contamination level for unrestricted release. What release criteria (dpm/100cm<sup>2</sup>) is proposed to be used in the release?
  - 8) Provide a statement that close out records for the buildings will be kept until the license is terminated.

The licensee stated they would respond to the request.

End of conversation Record.