

## Telephone Conversation Record

Person Called: Ted VanNoord, Radiation Safety Officer

Telephone No.: (269) 488-7007

Licensee: Eurofins AvTech Laboratories, Inc.  
6859 Quality Way  
Kalamazoo, MI 49002

License No: 21-32270-01

Docket No.: 030-35476

Callers: Katie Streit, Health Physicist *Katie Streit, 4/28/10*  
NRC Region III, Division of Nuclear Materials Safety  
Materials Control, ISFSI, and Decommissioning Branch

Date of Call: April 28, 2010

SUBJECT: DISCUSSION OF LICENSE TERMINATION REQUEST DATED MARCH 30,  
2010 (Mail Control #: 318985)

On the above date the RIII NRC staff contacted the licensee to discuss the license termination request dated March 30, 2010 and release of the licensee's facility for unrestricted use (ML100960620). 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 preformed in specific rooms and areas.
  - a. Provide a description the rooms, including approximate size and equipment used, where licensed material was used and/or stored. Include rooms authorized for use in the past.
  - b. Provide a brief description of types of activities performed and quantities and form of materials possessed used in specific rooms and areas.
  - c. Describe each location of use with enough detail to understand size, equipment and associated ventilation and sanitary discharge systems where licensed material was used or discharged. If fume hoods were located in these rooms, provide details on whether licensed material was ever used or stored in them.
- 2) 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 swipe points on each surface in the rooms where licensed material was used and stored. Describe the basis for frequency of wipes.

- b. Provide a description of the energy range (i.e. open window or set energy range) for the liquid scintillation channel used and efficiency for carbon-14 and hydrogen-3 for the liquid scintillation results.
  - c. Clarify if one hundred percent scan of all surfaces in the area of the facility where carbon-14 was used or stored was performed. Provide the type of instrument used, instrument efficiency, calibration date, and description of calibration source. Provide results in dpm using correction for instrument efficiency.
  - d. Provide details of evaluations and/or surveys from sinks and drains, fume hoods, and any other associated equipment that have been used or stored licensed material in past or current use.
- 3) Review of the original license application indicates rooms 105, 106, 107, 108, 114, and 116 had been authorized to use or store licensed material in the past. Justify that no material was used or stored in the rooms or provide survey data to close out these rooms. Additionally provide close out survey data for any additional rooms identified to have stored or used licensed material in the past.
- 4) Provide the waste manifest from ADCO Services, Inc. described in Form 314 associated with your license termination request.

The licensee stated they would respond in writing to this request within 30 days.

End of conversation record.