



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

July 13, 2011

Docket No. 030-03787  
Control No. 575193

License No. 06-03754-01

Louis A. Magnarelli, Ph.D.  
Director  
The Connecticut Agricultural Experiment Station  
123 Huntington Street  
New Haven, CT 06511

SUBJECT: THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION, REQUEST  
FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR  
RENEWAL OF LICENSE, CONTROL NO. 575193

Dear Dr. Magnarelli:

This is in reference to your application dated June 9, 2011 requesting to renew Nuclear Regulatory Commission License No. 06-03754-01. In order to continue our review, we need the following additional information:

1. As stated in the notice of expiration which was sent to you, we reserve the right to request a complete, up-to-date application in cases where licenses have been amended frequently or are supported by several documents that are outdated. License Condition 22 of your current NRC license references ten letters from calendar years 1984, 2001, and 2003. We have reviewed your submission and existing license and request that you submit a single, complete application using the suggested format in Appendix C of NUREG-1556, Volume 7, "Consolidated Guidance About Materials Licenses, Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope." This NUREG can be found in the electronic reading room on our website at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/>.
2. In your application you asked if the general license gas chromatograph sealed sources could be listed in your specific license. This can be done, however, they must be re-classified and re-labeled by the manufacturer as devices possessed under a specific license. Therefore, after the devices are listed on your license, you will need to request that the manufacturer do the reclassification. This requires the manufacturer to re-label the devices and to notify the General License Tracking System (GLTS) of the change. If you wish to do this, your application must list the radioactive material, the activity per radionuclide, maximum possession limit, manufacturer's name, and model numbers.
3. Please note that Volume 7 was issued prior to the Energy Policy Act of 2005, which required the NRC to expand its authority of byproduct material, as defined in 10 CFR 20.1003, to include radium-226 and accelerator-produced materials such as cobalt 57. In your response, please list any such sealed sources and/or devices that you would like to be authorized to possess, including the chemical and physical forms, activity per

radionuclide, maximum possession limit, manufacturer's name, and model numbers.

Your application should not include any Personally Identifiable Information (PII). PII is information that can be used to identify or contact a person uniquely and reliably or can be traced back to a specific individual. That is, PII is a person's name, in combination with any of the following information: relatives' names, postal address, email address, home or cellular telephone number, personal characteristics, Social Security number, date or place of birth, mother's maiden name, driver's license number, bank account information, credit card information, or other information that would make the individual's personal identity easily traceable. Note that personal identity is distinct from an individual's professional identity; that is, an employee's name, title, work telephone number, official work location, and work email address are not considered to be PII. PII is not information related to the workplace such as the work address, work phone number or work email address.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

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. 575193. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5040.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

Sincerely,

***Original signed by Elizabeth Ullrich***

Betsy Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

cc:

Richard B. Peterson, Radiation Safety Officer

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**SUNSI Review Complete: MReichard**

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