



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

July 10, 2006

Docket No. 03019921  
Control No. 139009

License No. 52-13508-03

Gabriel A. Infante, Ph.D.  
Executive Director  
Pontifical Catholic University of Puerto Rico  
Colleges of Sciences  
Scientific Research Center  
2250 Avenida Las Americas, Suite 654  
Ponce, PR 00717-9997

**SUBJECT: PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 139009**

Dear Dr. Infante:

This is in reference to your letter dated June 16, 2006 requesting to terminate Nuclear Regulatory Commission License No. 52-13508-03. In order to continue our review, we need the following additional information:

1. Your request for termination did not follow the guidelines established for termination of the license. NRC guidelines can be found in NUREG-1757, Volume 1, Revision 1, 'Consolidated NMSS Decommissioning Guidance.' The specific requirements for your facility can be found on page 9-2 in section 9.2 for Group 2 decommissioning. Please review this guidance and submit the required information for your facility:
  - a. For licensed material disposed, provide confirmation from the recipient that the material was received. Please include license number of the licensee;
  - b. Submit NRC Form 314 (enclosed), "Certificate of Disposition of Materials," or equivalent information;
  - c. Submit a Final Status Survey Report, or demonstrate that the facility, or portion of the facility, meets NRC criteria for unrestricted use. Guidance on surveys is found in Figure 8.1, "Simplified Survey Procedures," found on page 8-2 of NUREG-1757 Volume 1, Revision 1. The surveys submitted with your letter of June 16, 2002 were inadequate as, 100% scanning was not completed, the smears were measured for gamma component and not for tritium or carbon 14. Additionally, the license dates back to July 26, 1983 and had used materials in rooms 117, 119, and 120 located inside the Ferre Building. Besides carbon 14 and tritium, Room 120 also was licensed for atomic number 3 through 83;

- d. Prior to termination of a license, 10 CFR 30.35(g), 30.36(k)(4) and 30.51 require that you submit certain records to the NRC. Please submit the following records, or explain why such records are not applicable to your licensed activities:
  1. for unsealed materials with half-lives greater than 120 days, records for disposal made pursuant to 10 CFR 20.2002 (alternate disposal procedures, including burial authorized prior to January 28, 1981), 20.2003 (disposals to the sanitary sewerage system), 20.2004 (incineration of wastes), 20.2005 (disposal of specific wastes including liquid scintillation cocktail and animal tissue), and 20.2103(b)(4), evaluations of effluent releases; and,
  2. records important for decommissioning as described in 30.35(g), 40.36(f) and 70.25(g). Examples of such records include but are not limited to: records of contamination, identifying the radionuclides, quantities and concentrations; as-built drawings and modifications of structures and equipment in restricted areas and locations of inaccessible contamination such as buried pipes; a single list, updated at least every 2 years, of areas to which access is limited for the purpose of radiation protection (restricted areas); and records related to the provision of financial assurance.

No license will be terminated until the required records are received by the NRC. Records may be transferred to the U.S. Nuclear Regulatory Commission, Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406, or to the new licensee if licensed activities will continue at the same location under another Commission license.

2. An environmental assessment will need to be completed to release these areas. In support of an environmental assessment related to the release of your facility:
  - a. Provide the name of the facility to be released;
  - b. Provide the size of the building and the three rooms in square feet;
  - c. Describe the type of building use such as “general office and laboratory”;
  - d. Describe the surrounding area, such as “residential”, “industrial”, “commercial”, “mixed residential/commercial”, etc.;
  - e. Describe the general type of activities authorized on the license, such as “laboratory procedures typically performed on bench tops and in hoods; and
  - f. State when you ceased licensed activities and when the last materials were transferred or disposed.

G. Infante  
Pontifical Catholic University of Puerto Rico

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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 **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).

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. 139009. 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 Elizabeth Ullrich***

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

Enclosure:  
NRC Form 314

cc:  
Carmen Asencio, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML061920033.wpd

**SUNSI Review Complete: DLawyer**

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| NAME   | DLawyer/DRL |          | EUIrich/EU |          |         |  |  |  |
| DATE   | 07/10/2006  |          | 7/11/2006  |          |         |  |  |  |

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