



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

December 20, 2006

Docket No. 03000886
Control No. 139798

License No. 29-09831-01

F. F. Travis, Ph.D.
Provost
Seton Hall University
400 South Orange Avenue
South Orange, NJ 07079-2694

SUBJECT: SETON HALL UNIVERSITY, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 139798

Dear Dr. Travis:

This is in reference to your letter dated November 29, 2006 requesting to amend Nuclear Regulatory Commission License No. 29-09831-01. In order to continue our review, we need the following additional information:

1. There were no swab tests counted for tritium or phosphorus 32 in room 208C submitted which is contrary to your letter. Please submit the results for tritium and phosphorus 32 of the swab tests in room 208C.
2. There were no swab tests counted for tritium or sulfur 35 in room 208D which is contrary to your letter. Please submit the results for tritium and sulfur 35 of the swab tests in room 208D.
3. The maintenance record for the Wallac gamma counter and the Packard 1900 CA beta counter was not enclosed in your letter. Please submit the maintenance record for the Wallac gamma counter and the Packard 1900 CA beta counter as stated in your letter.
4. Please confirm that all radioactive materials has been removed from rooms 208C, 208D, 215, 311, 313, 313, and 409.
5. 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 confirm that you will retain the following records if applicable to rooms 208C, 208D, 215, 311, 313, 313, and 409 for eventual license termination.
 - a. 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.

- b. 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.
6. In support of an environmental assessment related to the release of rooms 208C, 208D, 215, 311, 313, 313, and 409:
 - a) Provide the name of the facility to be released
 - b) Provide the size of the rooms and the building 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.
 - f) State when you ceased licensed activities in these rooms.

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).

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. 139798. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5366.

F. Travis
Seton Hall University

3

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:
David Edwards, Radiation Safety Officer

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SUNSI Review Complete: DLawyer

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