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

July 21, 2008

Docket No. 03030945 License No. 08-05938-13
Control No. 142468

Rachel L. Gregory
Associate Director for Environmental Management
Smithsonian Institution
Office of Safety, Health, and Environmental Management
Suite 7106 MRC514
600 Maryland Avenue, SW
P.O. Box 37012
Washington, DC 20013-7012

SUBJECT: SMITHSONIAN INSTITUTUION, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 142468

Dear Ms. Gregory:

This is in reference to your letter dated May 30, 2008 requesting to amend Nuclear Regulatory Commission License No. 08-05938-13. In order to continue our review, we need the following additional information:

1. Your have requested removal of two buildings for locations of use. If unsealed NRC regulated materials with a half life of greater than 120 days were used in these building to support an environmental assessment, please provide the following information for both locations:

   a) Provide the name of the facility to be released

   b) Provide the size of the (complex in Acers) building in square feet and area to be released 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 at that location.

   If no unsealed NRC regulated materials were used at these locations, please make this statement.

2. You have requested for radium 226 to be added to your license. Please specify the maximum amount of material (in microcuries) that you require to be listed on the license. Please specify the amount in sealed and unsealed quantities. Please consider the requirement for financial assurance associated with small amounts of unsealed radium 226.

3. Your have request an addition of a new location of use at 3400 Pennsy Drive, Landover, Maryland. According to the guidance in NUREG-1757, Volume 7, describe the facilities and equipment to be made available at each location where radioactive material will be used (see Appendix K for topics to consider). Please include a description of the area(s) assigned for the receipt, storage, security, preparation and measurement of radioactive materials. A diagram should be submitted showing the locations of shielding, the proximity of radiation sources to unrestricted areas, and other items related to radiation safety.

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 **Regulations, Guidance, and Communications.** You may also 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. 142468. 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 Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
David M. Peters, Radiation Safety Officer

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SUNSI Review Complete: DLawyer
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