



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

September 28, 2007

Docket No. 03014680  
Control No. 141018

License No. 29-00117-06

Gregory R. Reinhard, DVM  
Executive Director  
Merck & Co., Inc.  
RY80HP  
P.O. Box 2000  
Rahway, NJ 07065

SUBJECT: MERCK & CO., INC., REQUEST FOR ADDITIONAL INFORMATION  
CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL  
NO. 141018

Dear Dr. Reinhard, DVM:

This is in reference to your letter dated August 24, 2007 requesting to amend Nuclear Regulatory Commission License No. 29-00117-06. In order to continue our review, we need the following additional information:

1. Prior to termination of a license, 10 CFR 30.35(g), 30.36(k)(4) and 30.51 require that you submit to the NRC certain records. Please confirm that you will maintain these records as applicable to the Somerville Branchburg Farm 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 two 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.

2. In support of an environmental assessment related for the release of your facility:
- a) Provide the name of the facility to be released.
  - b) Provide the size of the complex in Acres, Building 71 & 91 in square feet, and the area where licensed material was used 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 the facility.

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 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. 141018. 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:  
Vincent Williams, Radiation Safety Officer

G. Reinhard  
Merck & Co., Inc.

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**SUNSI Review Complete: DLawyer**

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NAME	DLawyer /DRL1/							
DATE	9/28/2007							

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