

August 29, 2011

Materials Licensing Branch  
United States Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**RADIOACTIVE MATERIALS LICENSE NUMBER: 13-01133-02**

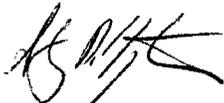
Eli Lilly and Company (Lilly) herein requests an addendum to its Radioactive Materials License 13-01133-02 to reflect the removal of the location specified below where radioactive materials will no longer be used by Eli Lilly and Company.

We request the removal of the Purdue Technology Center, 5225 Exploration Drive, Indianapolis, IN 46241 location. This request is in conjunction with the request by Advion BioSciences for a new radioactive material use license for activities at the 5225 Exploration Drive location.

Please contact me if you have any questions.

Sincerely,

ELI LILLY AND COMPANY



Stanley D. Hampton, M.S.  
Radiation Safety Officer  
Telephone: 317-276-7862  
Facsimile: 317-276-4446

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Radioactive Materials License 13-01133-02  
Eli Lilly and Company



RADIOACTIVE MATERIALS  
LICENSE 13-01133-02

ELI LILLY AND COMPANY

August 2011

Radioactive Materials License 13-01133-02  
Eli Lilly and Company

## **NAME AND ADDRESS OF APPLICANT**

Eli Lilly and Company  
Radiation Safety Office  
Corporate Health, Safety and Environment  
Mail Drop 2110  
Lilly Corporate Center  
Indianapolis, Indiana 46285

## **NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Stanley D. Hampton  
Radiation Safety Officer  
Hampton\_St Stanley\_D@lilly.com  
Telephone: 317-276-7862  
Facsimile: 317-276-4446

## **LICENSE DESCRIPTION**

Radioactive Materials License Number: 13-01133-02

Broad Scope License, Modified Type B

Expiration Date: January 31, 2013

## **ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

Eli Lilly and Company has several locations within Indiana where radioactive materials may be used under this broad scope license. The currently licensed locations, organized into plant sites, are listed below for completeness. The purpose of this amendment request is to request removal of the 5225 Exploration Drive address from our broadscope license.

Eli Lilly and Company (main research campus: discovery labs, incinerator, radioactive waste storage, animal facilities, iodination, and radiosynthesis labs)

Lilly Corporate Center  
639 S. Delaware Street  
Indianapolis, Indiana 46225

Elanco Headquarters  
2500 Innovation Way  
Greenfield, Indiana 46140

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Greenfield Laboratories (South Campus)  
1971 West Davis Road  
Greenfield, Indiana 46140

Lilly Technology Center (typical low-level use in development or QC labs)  
1400 West Raymond Street  
Indianapolis, Indiana 46221

Materials Center (future labs and potential radioactive waste storage)  
1301 S. White River Pkwy  
Indianapolis, Indiana 46225

Clinton Laboratories (primarily sealed sources)  
State Road 63  
Clinton, IN 47842

Evonik Degussa Corporation  
Tippecanoe Laboratories (incinerator)  
1650 Lilly Road  
Lafayette, IN 47909

**Purdue Technology Center of Indianapolis**  
**5225 Exploration Drive**  
**Indianapolis, IN 46241**

## **REMOVAL OF FACILITY AS AN AUTHORIZED USE OR STORAGE LOCATION**

In May 2011, Lilly finalized an agreement by which a portion of Lilly's ADME research was outsourced to Advion BioSciences (Advion). At this time Advion does not hold a license to use radioactive material in the state of Indiana. In lieu of delaying research, Lilly agreed to amend its broadscope license to include the Purdue Technology Center location. The addition of the Purdue Technology Center to Lilly's license was approved per Amendment 64 in March 2011 and was completed with the understanding that Advion would obtain a license from the NRC in a timely manner for activities at the location. Advion submitted a license application on June 24, 2011.

The facility opened in May 2011 and Advion personnel have been using C-14 in small quantities under the Lilly broadscope license since that time. Per Lilly's license requirements, surveys have been conducted monthly to ensure that no contamination is present. Since Advion will continue the use of radioactive material at this location, Lilly will not be conducting any close out surveys or decommissioning. However, Lilly will provide copies of all required surveys that have been performed for each lab or area where radioactive materials have been used under its license, 13-01133-02, to Advion. Additionally, dosimetry has been provided by Lilly to all Advion employees who are approved to work with radioactive

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material. The dosimetry provided by Lilly will be discontinued and monitoring will be determined by Advion. If requested, Lilly will provide dosimetry records to Advion personnel. Lilly has observed no radiation dose for the majority of individuals who moved to Advion. The individuals where some dose was observed received 10 mrem or less.

Concurrent with the application approval for Advion, Lilly is requesting that the facility at Purdue Technology Center, 5225 Exploration Drive, Indianapolis, IN 46241, be removed from Lilly's license.



KAREN BERNARDINO - SYSTEM ADMINISTRATOR (READ-WRITE)

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|-------------------------|-------------------------------------|
| License ID:             | Licensee Name:                      |
| Docket Number: 3018288  | Inspection Status: All              |
| Inspection Type: All    | Inspection Region: All              |
| Program Code: All       | Program Code Type: Primary          |
| Summary Of Findings:    | Include Terminated License Info: No |
| Inspection From:        | Inspection To:                      |
| Next Inspection From:   | Next Inspection To:                 |
| Actual Inspection From: | Actual Inspection To:               |

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| ID     | License Number | Licensee Name  | Docket Number | Inspection Report Status | Actual Inspection Date | Date Of Last Inspection | Inspection Due Date | Program Code | Frequency | Address              | City       | St |
|--------|----------------|--|---------------|--------------------------|------------------------|-------------------------|---------------------|--------------|-----------|----------------------|------------|----|
| 122529 | 13-20352-01    | Indiana University Health-White Memorial Hospital Inc. | 3018288       | Draft                    |                        | 05/01/2010              | 05/01/2015          | 02121        | 5         | 720 SOUTH 6TH STREET | MONTICELLO | IN |
| 69480  | 13-20352-01    | WHITE COUNTY MEMORIAL HOSPITAL                         | 3018288       | Closed                   |                        | 05/01/2010              |                     | 02120        | 3         | 720 SOUTH 6TH STREET | MONTICELLO | IN |