

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Zoetis LLC  
333 Portage Street  
Kalamazoo, MI 49007

REPORT NUMBER(S) 2018001

## 2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

## 3. DOCKET NUMBER(S)

030-04781

## 4. LICENSE NUMBER(S)

21-00182-03

## 5. DATE(S) OF INSPECTION

January 31, 2018

## LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:


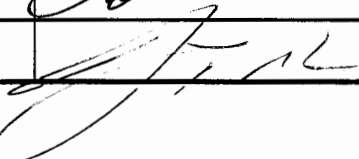
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

## Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Luis Nieves Folch		1/31/18
BRANCH CHIEF	Aaron T. McCraw		2/8/18

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Zoetis LLC 333 Portage Street Kalamazoo, MI 49007  REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-04781	4. LICENSE NUMBER(S)  21-00182-03	5. DATE(S) OF INSPECTION  January 31, 2018	
6. INSPECTION PROCEDURES USED  87126	7. INSPECTION FOCUS AREAS  03.01-03.08		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03610	2. PRIORITY  3	3. LICENSEE CONTACT  Timothy Popp- RSO	4. TELEPHONE NUMBER  (269) 359-9428
---------------------------------	----------------------	--	---

☒ Main Office Inspection      Next Inspection Date: January 31, 2021

☐ Field Office Inspection \_\_\_\_\_

☐ Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, routine inspection of an animal health and vaccination research corporation, authorized to use a variety of byproduct material for research and development at its main facility in Kalamazoo, Michigan, and at a satellite facility in Richland, Michigan. At the time of the inspection the licensee had approximately 30 laboratory employees trained and working with radioactive material. The licensee primarily used H-3 and C-14, though it recently concluded a study using I-125. The licensee no longer conducted animal studies under the license; instead, it received tissue samples containing radioactive material from a contractor who performed the studies.

**PERFORMANCE OBSERVATIONS**

The inspector toured the Kalamazoo facility to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of the facility and found no evidence of residual contamination or exposures to members of the public in excess of regulatory limits. The inspector verified selected items on the inventory and toured three laboratories authorized for radioactive materials use. The licensee discussed the implementation of licensee procedures for the safe use of radioactive material, area surveys, spill response, and waste handling. Through these discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and exposure control.

The inspector reviewed a selection of licensee records, survey records, package receipt documentation, instrument calibration records, dosimetry reports, and Radiation Safety Committee meeting minutes.

No violations of NRC requirements were identified as a result of this inspection.