

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Zoetis P&U LLC 333 Portage Street Kalamazoo, MI 49007 REPORT NUMBER(S) 2015-001		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 MAY 22 ND 2015	

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	Ryan Craffey / Ed Harvey	<i>Ryan Craffey / Ed Harvey</i>	5/22/15
BRANCH CHIEF	Aaron McCraw	<i>[Signature]</i>	5/27/15

Docket File Information

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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03610	2. PRIORITY 3	3. LICENSEE CONTACT Timothy Popp - RSO	4. TELEPHONE NUMBER (269) 833-9364
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Main Office Inspection Next Inspection Date: 05/22/2018

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 ten authorized users (though only three at the Kalamazoo facility were considered active) and approximately 40 laboratory employees trained in radiation safety who worked under the supervision of these users. The licensee primarily used H-3 and C-14, though it recently concluded a study using I-123. 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. The RSO was aware of the impending expiration of this license, and was preparing a renewal application.

PERFORMANCE OBSERVATIONS

The inspectors toured the Kalamazoo facility to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspectors 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 inspectors verified select inventory and interviewed a number of authorized users and supervised workers at three of the laboratories authorized for radioactive materials use. The licensee's staff demonstrated the implementation of licensee procedures for the safe use of radioactive material, area surveys, spill response and waste handling. Through these demonstrations and other discussions, the inspectors found the licensee's staff to be knowledgeable of radiation protection principles and exposure control. The inspectors also toured the licensee's waste storage facility and receiving dock, where the inspectors interviewed select shipping and receiving staff on the licensee's procedures for receipt of radioactive material.

The inspectors reviewed a selection of licensee records, including authorized user training and refresher training materials, 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.