

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Monsanto Company Mail Zone R3B 800 North Lindbergh Blvd. St. Louis, MO 63167 REPORT NUMBER(S)		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-36488	4. LICENSEE NUMBER(S) 24-32488-01	5. DATE(S) OF INSPECTION December 15, 2009	

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:

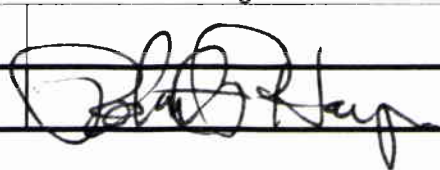
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Robert P. Hays		12/15/09

845

SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Monsanto Company REPORT NUMBER(S) 2009-01		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 03036488	4. LICENSE NUMBER(S) 24-32488-01	5. DATE(S) OF INSPECTION December 15, 2009	
6. INSPECTION PROCEDURES USED 87126 (9/28/05)	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT Joe Eades, RSO	4. TELEPHONE NUMBER 314-694-8517
------------------------------------	-------------------------	--	--

☐

Main Office Inspection

Next Inspection Date: **December 2014**☒Field Office **700 Chesterfield Parkway, Chesterfield, Missouri**☐Temporary Job Site
Inspection

PROGRAM SCOPE

The licensee was authorized for any byproduct material with atomic numbers 1-83 inclusive to be used for laboratory research and development as defined in 10 CFR 30.4, including animal studies. The majority of research involves using C-14 or P-32. No animal studies were being conducted at the time of the inspection. The licensee was also authorized to possess and use Ni-63 in gas chromatographs with inventories and leak tests performed as required. Isotope inventory levels are maintained by the RSO using a database system. The RSO has two additional staff who assist with receiving, surveys/wipe tests, and waste handling. Liquid waste was held for decay-in-storage (DIS) and then sewerred. Inspector area surveys of the waste storage areas and research lab areas did not reveal any elevated readings and were consistent with licensee postings and records.

Performance Observations

During the inspection, the RSO and research staff demonstrated/discussed: (1) survey meter use; (2) package ordering, receiving, and check-in procedures; (3) wipe test counting; (4) dosimetry; (5) research waste handling and storage procedures; (6) isotope inventory control; (7) security of licensed material; (8) approvals for research investigators; (9) radiation safety lab audits; (10) staff training; and (11) records of receipt, use, and disposals of licensed material. No violations or concerns identified during the inspection.

