

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | |
|---|---|
| 1. LICENSEE/LOCATION INSPECTED: Monsanto Company 800 North Lindbergh Blvd. St. Louis, Missouri 63167 REPORT NUMBER(S) 2014001 | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
|---|---|

| | | |
|--------------------------------------|---|---|
| 3. DOCKET NUMBER(S) 030-36488 | 4. LICENSE NUMBER(S) 24-32488-01 | 5. DATE(S) OF INSPECTION December 18, 2014 |
|--------------------------------------|---|---|

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:

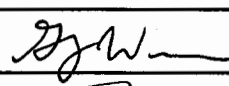
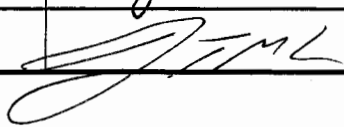
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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 | Geoffrey M. Warren |  | 12/18/14 |
| BRANCH CHIEF | Aaron T. McCraw |  | 12/24/14 |

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | |
|---|---|
| 1. LICENSEE/LOCATION INSPECTED: Monsanto Company 800 North Lindbergh Blvd. St. Louis, Missouri 63167 REPORT NUMBER(S) 2014001 | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
|---|---|

| | | |
|--------------------------------------|---|---|
| 3. DOCKET NUMBER(S) 030-36488 | 4. LICENSE NUMBER(S) 24-32488-01 | 5. DATE(S) OF INSPECTION December 18, 2014 |
|--------------------------------------|---|---|

| | |
|--|--|
| 6. INSPECTION PROCEDURES USED 87126 | 7. INSPECTION FOCUS AREAS 03.01 - 03.07 |
|--|--|

SUPPLEMENTAL INSPECTION INFORMATION

| | | | |
|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S) 03611 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Joe Eades, RSO | 4. TELEPHONE NUMBER (314) 694-8517 |
|---------------------------------|----------------------|---|---|

Main Office Inspection Next Inspection Date: Dec. 2019

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced, inspection. This facility is the corporate headquarters of the Monsanto Company. On this campus and at the Chesterfield Parkway facility, the licensee operated a non-medical broad scope program with approximately 150 radioactive materials users (50 active) in 24 approved laboratories. The radiation safety department was staffed with a full-time Radiation Safety Officer (RSO) and two technologists. Licensed material, primarily microcurie quantities of phosphorus-32 and carbon-14, was used for research and development. No animal studies had been performed since the previous inspection. The licensee also possessed one generally-licensed nickel-63 source in a gas chromatograph.

Performance Observations: There was no active laboratory work being performed at the time of the inspection. The licensee's staff demonstrated package receipt surveys and wipes, laboratory work with P-32 and C-14, tracking of licensed materials, and laboratory surveys by radiation safety staff and laboratory staff. Licensee personnel described approval of new radiation workers, ordering of licensed materials, and disposal by shipment and sewerage disposal. The inspector noted no concerns with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of dosimetry records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

According to the licensee, no licensed activities had been performed at the Warson Road facility for several years; the licensee had performed surveys of laboratory areas to demonstrate that no residual material remained at the site.

Note that the RSO's office is located in building 'R'.

No violations were identified.