

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**



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| 1. LICENSEE/LOCATION INSPECTED:<br><b>Cargill, Inc.<br/>1100 Indianapolis Blvd.<br/>Hammond, IN 46320-1094</b><br><br>REPORT NUMBER(S) | 2. NRC/REGIONAL OFFICE<br><b>U.S. Nuclear Regulatory Commission<br/>Region III<br/>2443 Warrenville Road<br/>Suite 210<br/>Lisle, Illinois 60532-4351</b> |
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| 3. DOCKET NUMBER(S)<br><b>030-33973/030-10166</b> | 4. LICENSEE NUMBER(S)<br><b>13-06932-03</b> | 5. DATE(S) OF INSPECTION<br><b>November 17, 2008</b> |
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**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:

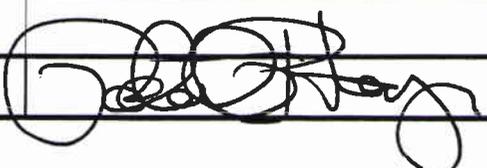
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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             | <b>Robert P. Hays</b> |  | <b>11/17/08</b> |

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| 1. LICENSEE<br><b>Cargill, Inc.</b><br>REPORT NUMBER(S) <b>2008-001</b> |  | 2. NRC/REGIONAL OFFICE<br><b>Region III</b><br><b>2443 Warrenville Road, Suite 210</b><br><b>Lisle, IL 60532</b> |  |
| 3. DOCKET NUMBER(S)<br><b>03033973/03010166</b>                         |  | 4. LICENSE NUMBER(S)<br><b>13-06932-03</b>   | 5. DATE(S) OF INSPECTION<br><b>November 17, 2008</b> |
| 6. INSPECTION PROCEDURES USED<br><b>87124 (11/25/03)</b>                |  | 7. INSPECTION FOCUS AREAS<br><b>03.01-03.07</b>  |  |

**SUPPLEMENTAL INSPECTION INFORMATION**

|                                    |                         |  |  |
|------------------------------------|-------------------------|--|--|
| 1. PROGRAM CODE(S)<br><b>03120</b> | 2. PRIORITY<br><b>5</b> | 3. LICENSEE CONTACT<br><b>Mike Mallon, RSO</b> | 4. TELEPHONE NUMBER<br><b>219-473-2294</b> |
|------------------------------------|-------------------------|--|--|

Main Office Inspection      Next Inspection Date: **November 2013**

Field Office \_\_\_\_\_

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

**PROGRAM SCOPE**

The licensee is an agricultural products processor authorized to use cesium-137 and nickel-63 in sealed sources for density measurements or elemental analysis. The licensee currently possesses the total number of gauges as indicated in the license file, with two currently in safe storage. A total of 3 maintenance staff including the RSO, perform shutter testing, cleaning, and inventory of the gauges at six-month intervals (May and November). Any other maintenance or service is conducted by the manufacturer. Survey meters are available and calibrated annually. No change in RSO since the previous inspection. Surveys of randomly selected accessible gauges determined no concerns with radiation exposures to plant personnel.

**Performance Observations**

During the inspection, the licensee's RSO demonstrated/discussed: (1) survey meter use and calibration; (2) tag out procedures; (3) signage; (4) security of licensed material; (5) gauge maintenance; (6) staff training; (7) leak tests (August 2008) as required; and (8) any incidents involving licensed material (none).