



## Materials Inspection Report

## 1. Licensee/Location Inspected:

Cargill, Inc.  
1502 Wabash Avenue  
Lafayette, IN 47905

Report Number(s) 2026-001

## 2. NRC/Regional Office

Region III  
U. S. Nuclear Regulatory Commission  
2056 Westings Avenue, Suite 400  
Naperville, IL 60563-2657

## 3. Docket Number(s)

030-28833

## 4. License Number(s)

13-24550-01

## 5. Date(s) of Inspection

June 26, 2026

## 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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.

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

B. The following violation(s) is/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 AND DATE                                                                                                                                            |
|---------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LICENSEE'S REPRESENTATIVE | (not required) |                                                                                                                                                               |
| NRC INSPECTOR             | Ryan Craffey   | <br>Digitally signed by RYAN CRAFFEY<br>Date: 2026.06.30 08:31:07 -05'00' |
| BRANCH CHIEF              | Rhex Edwards   | <br>Digitally signed by RHEX EDWARDS<br>Date: 2026.07.01 11:12:58 -05'00' |



## Materials Inspection Record

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                  |                                            |                                                                                                                                                                                                             |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 1. Licensee Name:<br>Cargill, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 2. Docket Number(s):<br>030-28833                                                                                                                                                                |                                            | 3. License Number(s)<br>13-24550-01                                                                                                                                                                         |                                          |
| 4. Report Number(s):<br>2026-001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                  | 5. Date(s) of Inspection:<br>June 26, 2026 |                                                                                                                                                                                                             |                                          |
| 6. Inspector(s):<br>Ryan Craffey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 7. Program Code(s):<br>03120                                                                                                                                                                     |                                            | 8. Priority:<br>5                                                                                                                                                                                           | 9. Inspection Guidance Used:<br>IP 87124 |
| 10. Licensee Contact Name(s):<br>Brandon Powell - RSO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 11. Licensee E-mail Address:<br>brandon_powell@cargill.com                                                                                                                                       |                                            | 12. Licensee Telephone Number(s):<br>765-420-6647 office<br>765-404-9300 cell                                                                                                                               |                                          |
| 13. Inspection Type:<br><input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced<br><input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 14. Locations Inspected:<br><input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office<br><input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote |                                            | 15. Next Inspection Date (MM/DD/YYYY):<br>06/26/2031<br><input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended<br><input type="checkbox"/> Reduced <input type="checkbox"/> No change |                                          |
| 16. Location(s) Inspected List:<br><br>1502 Wabash Avenue, Lafayette, Indiana<br><br>NOTE: Due to the presence of hexane in process areas, intrinsically safe instruments are required for radiation surveys at this facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                  |                                            |                                                                                                                                                                                                             |                                          |
| 17. Scope and Observations:<br><p>Cargill, a multinational food corporation, operated a soybean processing plant in Lafayette, Indiana, staffed with 40 employees and authorized to possess and use fixed nuclear gauges containing Cs-137 for process measurements. At the time of the inspection, the licensee continued to utilize six nuclear gauges on two process vessels (five Vega Americas SH-F1A on one vessel and one Vega Americas SH-100 on the other) for level measurements. The RSO was assisted in their oversight of the program by a member of the plant's safety staff for program audits and periodic reminders, as well as the gauge manufacturer for leak test analysis every three years and maintenance (including radiation surveys) as needed.</p> <p>The inspector toured the facility in Lafayette. All areas were adequately posted, and all licensed material was adequately secured to process vessels inside restricted areas. All devices examined were in good condition and adequately labeled. Independent surveys were consistent with radiation profiles in the applicable SSDR safety evaluations. The inspector discussed the conduct of shutter checks with the RSO, who typically performed them, and reviewed the licensee's lockout/tagout procedures for both process vessels to confirm that all nuclear gauges were included in those procedures.</p> <p>The inspector also reviewed documentation of inventories, shutter checks, leak tests, and program audits performed since the last inspection.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p> |  |                                                                                                                                                                                                  |                                            |                                                                                                                                                                                                             |                                          |
| Signature and Date - Branch Chief<br>  Digitally signed by RHEX EDWARDS<br>Date: 2026.07.01 11:12:38 -05'00'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                  |                                            |                                                                                                                                                                                                             |                                          |