

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Cargill, Inc.
1502 Wabash Ave.
Lafayette, IN 47905

REPORT NUMBER(S)

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-28833

4. LICENSE NUMBER(S)

13-24550-01

5. DATE(S) OF INSPECTION

5/20-26/2021

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	Brandon Powell, RSO		
NRC INSPECTOR	Robert G. Gattone, Jr.	Robert G. Gattone <small>Digitally signed by Robert G. Gattone Date: 2021.05.27 07:51:33 -05'00'</small>	
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2021.05.27 11:52:45 -05'00'</small>	



Materials Inspection Record

1. Licensee Name: Cargill, Inc.		2. Docket Number(s): 030-28833		3. License Number(s) 13-24550-01	
4. Report Number(s): 2021-01			5. Date(s) of Inspection: 5/20-26/2021		
6. Inspector(s): Bob Gattone		7. Program Code(s): 03120	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Brandon Powell, RSO		11. Licensee E-mail Address: Brandon_Powell@Cargill.com		12. Licensee Telephone Number(s): Cell:765-404-9300 Office: 765-4206647	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 05/20/2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was a routine inspection of the Cargill, Inc., facility in Lafayette, Indiana. This facility employed 40 individuals, operated continuously, and processed soy beans for feed products. The licensee possessed 6 fixed gauges containing cesium-137 sources in it's "extraction area" and utilized these gauges for process measurements. Service activities and leak testing were performed by the device manufacturer.

The inspector observed: (1) a record showing leak test records and there were no issues; (2) several records showing radiation device shielding and shutter checks and there were no issues; (3) records showing physical inventories of the fixed gauges and there were no issues; (4) the licensee did not provide radiation dose badges because the sealed sources are shielded in the gauges; (5) a record showing "Radiation Device Inventory" for the 6 gauges done by the RSO and there were no issues; (6) several records showing the 6 gauges for the shutter tests and there were no issues; (7) showing a certificate for RSO training: "Radiation Safety Training" course and there were no issues; (8) showing a record regarding PPE and there were no issues; (9) a record showing "Lock Out/Tag Out" and there were no issues; (10) a record for emergency situation involving radiation and there were no issues; (11) slides regarding , "Radiation Safety" showing a picture of a fixed gauge with a sliding shutter or rotating shutters that there were no issues; (12) records showing that the RSO does the shutter checks and there were no issues; (13) records showing that the RSO performed a wipe test and there were no issues; (14) a slide regarding radiation effects "Radiation Protection Program" pertinent to (doses to people), including time and distance and there were no issues; (15) the leak test procedure and there were no issues; and (16) a record showing "Radiation Safety Meetings" and there were no issues.