

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Nutrition & BioSciences USA 1, LLC  
3400 S. Saginaw Rd.  
Unit 57  
Midland, MI 48640

REPORT NUMBER(S) 202101

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-39235

## 4. LICENSE NUMBER(S)

21-35600-01

## 5. DATE(S) OF INSPECTION

November 18, 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			
NRC INSPECTOR	Luis Nieves Folch	Luis A. Nieves Folch <small>Digitally signed by Luis A. Nieves Folch Date: 2021.11.29 14:50:27 -06'00'</small>	
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2021.11.30 11:14:36 -06'00'</small>	



## Materials Inspection Record

1. Licensee Name: Nutrition & BioSciences USA 1, LLC		2. Docket Number(s): 030-39235		3. License Number(s) 21-35600-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: November 18, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 03120		8. Priority: 5	9. Inspection Guidance Used: 87124
10. Licensee Contact Name(s): Jamie Liphard, Radiation Safety Officer		11. Licensee E-mail Address: jamie.liphard@IFF.com		12. Licensee Telephone Number(s): 989-264-3039	
13. Inspection Type: <input checked="" type="checkbox"/> Initial <input 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 type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): November 18, 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 an announced, initial inspection of a chemical plant in Saginaw, MI. The licensee facility is located inside the DOW compound. The licensee makes two chemical compounds, METHOCEL (methyl cellulose) and ETHOCEL (ethyl cellulose), that are used in food and pharmacy products. The licensee is authorized by its license to possess and use three fixed gauges, model SHLD-1, manufactured by VEGA America Corporation, for level measurements. The licensee does not perform any installation, maintenance, repair, or removal activities relating to the gauges; the manufacturer is called in for these services.

## PERFORMANCE OBSERVATIONS

The inspector toured the facility and observed the gauges in conjunction with the licensee's current inventory. The inspector evaluated the licensee's measures for materials security, hazard communication, and exposure control. The licensee adequately described proper lock-out procedures. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. The inspector performed independent and confirmatory measurements that indicated similar results as the licensee's records. The inspector reviewed audits, shutter checks, dosimetry records, inventory, and leak test records.

No violations of NRC requirements were identified as a result of this inspection.