

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

U.S. Army  
TACOM LCMC System Safety Office  
6501 East Eleven Mile Road  
Warren, MI 48397-5000

REPORT NUMBER(S) 2019001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-38588

## 4. LICENSE NUMBER(S)

21-32838-02

## 5. DATE(S) OF INSPECTION

July 24-August 20, 2019

## 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:

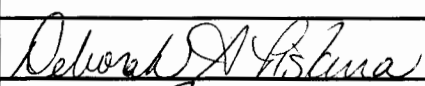
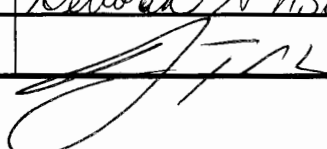
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Deborah A. Piskura, Senior Health Physicist		8/20/19
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB		8/23/19

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Joe Hart, RSO	4. TELEPHONE NUMBER  (309) 782-1124
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☒ Main Office Inspection      Next Inspection Date: Aug. 20, 2024

☐ Field Office Inspection \_\_\_\_\_

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

**PROGRAM SCOPE**

This was a routine inspection of the Army TACOM central command center where the licensee managed its use of portable moisture/density gauges. The gauges were used as needed for road projects and other deployment construction projects within the US. The licensee maintained a total inventory of 62 gauge units within the Department; the licensee stored seven units at its Warren, MI location at the time of this inspection. The licensee's use of its gauges had decreased based on changes to industry testing techniques. Gauge users (technical engineers) must attend an 8-hour training course either conducted by the Department or the device manufacturer. The TACOM center maintained copies of all gauge user's certificates and a spreadsheet of approved gauge users on file. The central command center also maintained a database showing the locations of its gauges, the last sealed source inventory and leak tests, audits, and service activities. The licensee performed service/maintenance on its gauges in accordance with procedures authorized by the NRC license.

During this inspection, the inspector toured the storage area; performed radiation surveys around the devices and the storage room; reviewed selected records; and interviewed selected licensee personnel. The licensee staff demonstrated how the devices were blocked and braced in the rear of the vehicle and confirmed that the devices were not transported within the passenger compartment. At the time of this inspection, the gauges were not in use within a 200-mile radius from the TACOM center, therefore, no field inspection was performed. The inspection included an in-office review, coordinated with the NRC Region III Materials Licensing Branch, through August 20, 2019, to review and discuss the licensee's pending amendment request dated May 21, 2019, changing its RSO (filed timely, previous RSO retired). The licensee appointed an interim RSO; this individual meet the training and experience requirements for a license of this scope. The amendment was issued on August 8, 2019, naming the new RSO.

No violations of NRC requirements were identified during this inspection.