



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

July 10, 2026

EAF-RIII-2026-0017
EN 57869
NMED No. 250305 (closed)

Nathan Krzyaniak, MS, CHP
Radiation Safety Program Manager
U.S. Army Tank-automotive and
Armaments Command
ATTN: AMTA-SF, Mail Stop 485
6501 E Eleven Mile Rd.
Warren, MI 48397-5000

SUBJECT: NOTICE OF VIOLATION; NRC REACTIVE INSPECTION REPORT
NO. 03038588/2025001(DRSS) - U.S. ARMY TANK-AUTOMOTIVE AND
ARMAMENTS COMMAND

Dear Nathan Krzyaniak:

This letter refers to the reactive inspection remotely conducted on November 17, 2025, through March 3, 2026, for your Fort Hood, Texas, facility. The purpose of the inspection was to review activities performed under your U.S. Nuclear Regulatory Commission (NRC) license to ensure that activities were being performed in accordance with NRC requirements, particularly with respect to Event Notification (EN) 57869.

During the inspection, three apparent violations of NRC requirements were identified. The circumstances surrounding the apparent violations, the significance of the issues, and the need for lasting and effective corrective actions were discussed with you during an exit meeting on March 3, 2026. Inspection Report No. 03038588/2025001(DRSS) was issued on March 31, 2026, and can be found in the NRC's Agencywide Documents Access and Management System (ADAMS) at accession number ML26069A284. ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>.

In the letter transmitting the inspection report, we provided you with the opportunity to address the apparent violations identified in the report by either attending a predecisional enforcement conference or providing a written response before we made our final enforcement decision or requesting Alternative Dispute Resolution (ADR). In a letter dated May 7, 2026, (ML26166A219) you provided a written response to the apparent violations.

Based on the information developed during the inspection, the information that you provided in your written report dated September 12, 2025, (non-public) and your written response to the inspection report dated May 7, 2026, the NRC has determined that three violations of NRC requirements occurred. These violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding them are described in detail in the subject inspection report.

The violations involved your failure to (1) control and maintain constant surveillance of or use a minimum of two barriers to secure a portable moisture density gauge from unauthorized removal in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 20.1802 and 10 CFR 30.34(i); (2) conduct a physical inventory of a portable moisture density gauge every six months as required by Condition 15 of your license (NRC License No. 21-32838-02); and (3) immediately report to the NRC a missing portable moisture density gauge as required by 10 CFR 20.2201(a)(1)(i).

The failure to control and secure portable gauges is of significant concern to the NRC because it increases the likelihood of unauthorized access or theft, which could result in unintended exposures to members of the public. The failure to immediately report a missing portable gauge is of significant concern to the NRC because it impedes the NRC's ability to respond to the event and provide appropriate regulatory oversight. Because violations (1) and (2) are closely related, these violations have been categorized collectively in accordance with the NRC Enforcement Policy as a Severity Level (SL) III problem, and violation (3) has been categorized as a separate SL III violation.

In accordance with the NRC Enforcement Policy, a base civil penalty in the amount of \$9,000 is considered for a Severity Level III violation or problem.

Because your facility has not been the subject of escalated enforcement actions within the last two years or two inspections, the NRC considered whether credit was warranted for *Corrective Action* in accordance with the civil penalty assessment process in Section 2.3.4 of the Enforcement Policy. To restore compliance with these requirements, you reported the missing gauge on August 14, 2025, (EN 57869) and upon locating the gauge on August 22, 2025, you relocated the gauge to a proper storage location with adequate controls. To prevent recurrence, you implemented enhanced records retention guidance, shortened your corporate inspection frequency, performed inventory reconciliation of 100 percent of your gauges, and provided revised training to your staff. Additionally, you indicated that you intend to eliminate portable gauges from your inventory and terminate this license over the next two to three years. Based on these implemented and proposed actions, credit was given for *Corrective Action*.

Therefore, to encourage prompt and comprehensive correction of violations, and in recognition of the absence of previous escalated enforcement action, I have been authorized, after consultation with the Chief Nuclear Materials Inspector not to propose a civil penalty in this case. However, significant violations in the future could result in a civil penalty. In addition, issuance of the Severity Level III violation and problem constitutes escalated enforcement action that may subject you to increased inspection effort.

The NRC has concluded that information regarding: (1) the reason for the violations; (2) the corrective actions that have been taken and the results achieved; and (3) the date when full compliance was achieved is already adequately addressed on the docket in Inspection Report No. 03038588/2025001(DRSS), your written report dated September 12, 2025, and your letter dated May 7, 2026. Therefore, you are not required to respond to this letter unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room and in ADAMS, accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such information, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). The NRC also includes significant enforcement actions on its website at <https://www.nrc.gov/about-nrc/regulatory/enforcement/current>.

Sincerely,

JARED
HECK

Digitally signed by
JARED HECK
Date: 2026.07.10
12:45:03 -05'00'

Jared Heck, Director
Division of Federal Materials Programs

Docket No. 030-38588
License No. 21-32838-02

Enclosure:
Notice of Violation

cc w/encl:
State of Michigan

Letter to N. Krzyaniak from J. Heck dated July 10, 2026.

SUBJECT: NOTICE OF VIOLATION; NRC REACTIVE INSPECTION REPORT
NO. 03038588/2025001(DRSS) - U.S. ARMY TANK-AUTOMOTIVE AND
ARMAMENTS COMMAND

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ADAMS Accession No(s):

PKG: ML26187A095
Main: ML26187A092
SCD: ML26187A104

NOTICE OF VIOLATION

U.S. Army Tank-automotive and Armaments Command
Warren, Michigan

Docket No. 030-38588
License No. 21-32838-02
EAF-RIII-2026-0017

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on November 17, 2025, to March 3, 2026, three violations of NRC requirements were identified. In accordance with the NRC Enforcement Policy, the violations are listed below:

- A) Title 10 of the *Code of Federal Regulations* (10 CFR) 20.1802 requires that licensees shall control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area and that is not in storage.

10 CFR 30.34(i) requires that each portable gauge licensee shall use a minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal, whenever portable gauges are not under the control and constant surveillance of the licensee.

Contrary to the above, between July 21, 2023, and August 22, 2025, the Licensee failed to control and maintain constant surveillance of or use a minimum of two independent physical controls that form tangible barriers to secure a portable moisture density gauge from unauthorized removal. Specifically, a portable gauge containing no more than 9 mCi of cesium-137 and 44 mCi of americium-241 was left unsecured, with no physical barriers, in a room accessible to and occupied by unauthorized individuals.

- B) License Condition 15 to Amendment No. 6 of NRC License No. 21-32838-02 requires, in part, that the Licensee shall conduct a physical inventory every six months, or at other intervals approved by the NRC, to account for all sealed sources and/or devices received and possessed under the license.

Contrary to the above, between January 21, 2024, and August 22, 2025, an interval greater than six months, the Licensee failed to conduct a physical inventory to account for all sealed sources and/or devices received and possessed under the license. Specifically, the Licensee did not perform a physical inventory of a portable gauging device containing sealed sources, from the time it was received by the Licensee on July 21, 2023, until August 22, 2025, and no other interval was approved by the NRC.

This is a Severity Level III problem (Enforcement Policy Sections 6.7 and 6.3).

- C) 10 CFR 20.2201(a)(1)(i) requires, in part, that each licensee shall report by telephone immediately after its occurrence becomes known to the licensee, any lost, stolen, or missing licensed material in an aggregate quantity equal to or greater than 1,000 times the quantity specified in appendix C to part 20 under such circumstances that it appears to the licensee that an exposure could result to persons in unrestricted areas.

Enclosure

Contrary to the above, between March 2024 and August 14, 2025, the Licensee failed to report by telephone immediately after its occurrence became known to the Licensee, any lost, stolen, or missing licensed material in an aggregate quantity equal to or greater than 1,000 times the quantity specified in appendix C to part 20 under such circumstances that it appeared to the Licensee that an exposure could result to persons in unrestricted areas. Specifically, the Licensee recognized in March 2024 that a portable gauge containing up to 9 millicuries of cesium-137 and 44 millicuries of americium-241/beryllium was missing but didn't report the missing gauge to the NRC until August 14, 2025.

This is a Severity Level III violation (Enforcement Policy Section 6.9).

The NRC has concluded that information regarding the reason for the violations, the corrective actions taken and planned to correct the violations and prevent recurrence, and the date when full compliance was achieved is already adequately addressed on the docket in Inspection Report No. 03038588/2025001(DRSS), the Licensee's written report dated September 12, 2025, and the letter from the Licensee dated May 7, 2026. However, the Licensee is required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect its corrective actions or position. In that case, or if the Licensee chooses to respond, the Licensee must clearly mark its response as a "Reply to a Notice of Violation, (EAF-RIII-2026-0017)," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001 with a copy to the Chief, Inspection and Licensing Branch 2, Nuclear Materials Safety and Safeguards, within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

If the Licensee contests this enforcement action, the Licensee should also provide a copy of its response, with the basis for denial, to the Deputy Office Director for Oversight/Chief Nuclear Materials Inspector, Nuclear Material Safety and Safeguards, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

If the Licensee chooses to respond, the response will be made available electronically for public inspection in the NRC Public Document Room or in the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction.

In accordance with 10 CFR 19.11, the Licensee may be required to post this Notice within two working days of receipt.

Dated the 10th day of July 2026.