UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 29, 2026

EAF-OIP-2026-0033

Brian Hoffman
InstroTek Corporate RSO
InstroTek, Inc.
One Triangle Drive
P.O. Box 13944
Research Triangle Park, NC 27709

SUBJECT: INSTROTEK, INC. - U.S. NUCLEAR REGULATORY COMMISSION REVIEW RELATED TO EXPORT OF BYPRODUCT MATERIAL AND NOTICE OF VIOLATION

Dear Mr. Hoffman:

This letter refers to the U.S. Nuclear Regulatory Commission (NRC) review of InstroTek Inc (InstroTek) export of byproduct material to Pakistan without a specific export license. This review evaluated whether those shipments were in compliance with applicable NRC requirements for exporting byproduct material. In addition, InstroTek's calendar year 2024 exports report was reviewed. On July 14, 2026, Ms. Shannon Doane of the NRC discussed the preliminary results of these reviews with you and details of the reviews were provided to you in an NRC letter, dated August 26, 2026, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML26112A088), including apparent violations.

In the NRC letter dated August 26, 2026, we provided you with the opportunity to address the apparent violations by either attending a predecisional enforcement conference, or by providing a written response before we made our final enforcement decision. In a letter dated September 21, 2006 (ADAMS No. ML26274A014), you provided your written response to the apparent violations.

Based on the information assessed during our review, discussions with you on July 14, 2026, and your response to our August 26, 2026, letter, the NRC has determined that violations of NRC requirements occurred. The violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding the violations are described below in this letter. The violations involved InstroTek's, (A) failure to obtain a specific license before exporting nuclear material to Pakistan and (B) the failure to meet the reporting requirements for exports of byproduct material in 2024.

The failure to obtain a specific license before exporting byproduct material to Pakistan raises significant regulatory concerns. Specifically, the NRC considers the export to be significant because it impacted the NRC's ability to perform its regulatory oversight function wherein the U.S. Government would have requested Executive Branch views, prior to granting the license, due to foreign policy considerations and public health, safety and security implications.

Therefore, this violation has been categorized in accordance with the NRC Enforcement Policy at Severity Level III. The current Enforcement Policy can be found on the NRC's website at http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html.

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.

Because your facility has not been the subject of prior escalated enforcement action, 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 NRC Enforcement Policy. The NRC has determined that *Corrective Action* credit is warranted based on the corrective actions you implemented as described in your letter dated September 21, 2026.

Therefore, in recognition of the absence of previous escalated enforcement actions and your prompt and comprehensive corrective actions, the NRC is not proposing a civil penalty in this case. However, significant violations in the future could result in a civil penalty. In addition, issuance of this Severity Level III violation constitutes escalated enforcement action that may subject you to increased NRC oversight.

The NRC also determined that one Severity Level IV violation of NRC requirements occurred when InstroTek failed to meet the reporting requirements in 2024 for exports of byproduct material, which the NRC identified during its review. This violation is also cited in the enclosed Notice and was evaluated in accordance with the NRC Enforcement Policy.

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 your letter dated September 21, 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 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, the enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room or in the NRC's 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 or proprietary information so that it can be made available to the public without redaction. The NRC also includes significant enforcement actions on its website at http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions.

Should you have any questions, please contact Ms. Andrea Ferkile at 301-287-9084 or Ms. Shannon Doane at 301-287-9091.

Sincerely,

 Signed by Shakur Walker on 10/29/26

Shakur A. Walker, Director,
Division of Oversight and
Compliance Programs, Office
of the Chief Nuclear Reactor
Inspector

Enclosure:
Notice of Violation

SUBJECT: INSTROTEK, INC. - U.S. NUCLEAR REGULATORY COMMISSION REVIEW RELATED TO EXPORT OF BYPRODUCT MATERIAL AND NOTICE OF VIOLATION DATED: October 29, 2026

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ADAMS Accession Number:
PKG: ML26303A073
MAIN: ML26280A055
SCD: ML26303A070
eConcurrence case: 20261007-02780

NOTICE OF VIOLATION

InstroTek Inc. EAF-OIP-2026-0033
Research Triangle Park, NC

During a U.S. Nuclear Regulatory Commission (NRC) review, completed in June 2026, of InstroTek's calendar year 2024 and 2025 exports of byproduct material and calendar year 2024 exports report, two violations of NRC requirements were identified. In accordance with the NRC Enforcement Policy, the violations are listed below:

A. NRC Order, "Order Suspending General License Authority to Export Byproduct Material to Pakistan," dated April 16, 2020, states, in part, exporters are no longer authorized to use the NRC general license to export byproduct material to Pakistan and must apply for a specific license in accordance with Title 10 of the *Code of Federal Regulations* 110.31 "Application for a specific license."

   Contrary to the above, in calendar years 2024 and 2025, the licensee exported byproduct material to Pakistan, without filing an application for a specific export license, as required by the NRC Order dated April 16, 2020. Specifically, on or about July 1, 2024, the licensee shipped two sources containing Cesium-137 and Americium-241 and on March 24, 2025, the licensee shipped two sources containing Americium-241/Beryllium (Am241/Be) to Pakistan that were not authorized for export under a general license and without Executive Branch review.

   This is a Severity Level III violation (Enforcement Policy Section 6.15(*c*)(4)).

B. 10 CFR 110.54(2)(b), "Reporting requirements," states, in part, "Persons making exports under the general license established by 10 CFR 110.23(a) or under a specific license shall submit by February 1 of each year one copy of a report of all americium shipments... during the previous calendar year."

   Contrary to the above, the licensee failed to make the required reporting requirements for exports of americium shipments for the previous calendar year. Specifically, for calendar year 2024, the licensee submitted the report documenting americium shipments to the NRC by February 1, 2025, however the licensee failed to report the July 2024 export of americium shipment to Pakistan.

   This is a Severity Level IV violation (Enforcement Policy Section 6.15(*d*)(1)).

The NRC has concluded that information regarding: (1) the reason for the violation; (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 your letter dated September 21, 2026. However, if the description therein does not accurately reflect your position or your corrective actions, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 within 30 days of the date of the letter transmitting this Notice of Violation. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation; EAF-OIP-2026-0033," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001 with a copy to Victor Hall, Director, Office of International Programs.

Enclosure

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Deputy Office Director for Inspection and Investigations, Office of the Chief Nuclear Reactor Inspector, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

If you choose to respond, your 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 or proprietary 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, then 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 that such material is withheld from public disclosure, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the basis for your claim (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).

Dated this 29h day of October 2026