



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

January 21, 2026

Justin Daine Curnutt  
Quantum Isotopes of Idaho  
4921 South 5th Avenue  
Pocatello, ID 83204

**SUBJECT: QUANTUM ISOTOPES OF IDAHO - NRC INSPECTION REPORT  
030-39149/2024-001; AND NOTICE OF VIOLATION**

Dear Justin Daine Curnutt:

This letter refers to the unannounced routine inspection that began March 27, 2024, at your facility in Pocatello, ID, with a continued in-office review through January 16, 2026. The inspection was an examination of activities conducted under your license as they relate to public health and safety, to confirm compliance with the U.S. Nuclear Regulatory Commission's (NRC's) rules, regulations, and with the conditions of your license. Within these areas, the inspection consisted of a selected examination of procedures and representative records, observation of licensed activities, independent radiation measurements, and interviews with personnel. The inspectors discussed the preliminary inspection findings with you at the conclusion of the inspection on March 27, 2024. A final exit briefing was conducted by teleconference with you on January 16, 2026.

Based on the results of this inspection, the NRC has determined that two Severity Level IV violations of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy which can be found at the NRC's Web site at <https://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violations are cited in the enclosed Notice of Violation (Notice) because they were identified by the NRC during the inspection. The violations involved failure to: (1) check each instrument for constancy and proper operation at the beginning of each day of use; and (2) ensure that instruments and equipment used for quantitative radiation measurements are calibrated periodically for the radiation measured.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The guidance in NRC Information Notice 96-28, "Suggested Guidance Relating to Development and Implementation of Corrective Action," may be helpful in preparing your response. You can find the Information Notice on the NRC website at: <https://www.nrc.gov/docs/ML101100750>. Information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance will be (was) achieved should be addressed. The NRC review of your response to the Notice will also determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

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. 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).

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, will be made available electronically for public inspection in the NRC Public Document Room or from ADAMS, accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions regarding this letter or the enclosed Notice, please contact Mohanned Kawasmi, at (817) 200-1138, or the undersigned at (817) 200-1455.

Sincerely,



Signed by Roldan-Otero, Lizette  
on 01/21/26

Lizette Roldán-Otero, PhD, Chief  
Materials Inspection Branch  
Division of Radiological Safety and Security

License No. 11-35522-01MD  
Docket No. 030-39149

Enclosure:  
Notice of Violation (Notice)

cc w/Enclosure:  
Landry Austin  
900 North Skyline Drive, Suite B  
Idaho Falls, ID 83402  
Landry.Austin@deq.idaho.gov

QUANTUM ISOTOPES OF IDAHO - NRC INSPECTION REPORT 030-39149/2024-001; AND  
NOTICE OF VIOLATION – DATED JANUARY 21, 2026**DISTRIBUTION:**

JMonninger, ORA  
JRollins, DRSS  
JJosey, DRSS  
RAlexander, ORA  
R4-DRSS-MIB

DOCUMENT NAME: QUANTUM ISOTOPES OF IDAHO - NRC INSPECTION REPORT 030-39149/2024-001; AND  
NOTICE OF VIOLATION

ADAMS ACCESSION NUMBER: **ML26021A107**

SUNSI Review:      ADAMS:       Non-Publicly Available and Sensitive  
By: MHK                     Yes  No       Publicly Available and non-sensitive

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OFFICIAL RECORD COPY

## NOTICE OF VIOLATION

Quantum Isotopes of Idaho  
Pocatello, ID

Docket No. 030-39149  
License No. 11-35522-01MD

During an NRC inspection that began on March 27, 2024, two violations of NRC requirements were identified. In accordance with the NRC Enforcement Policy, the violations are listed below:

- A. 10 CFR 32.72(c)(2) requires, in part, that the licensee shall possess and use instrumentation to measure the radioactivity of radioactive drugs. In addition, the licensee shall check each instrument for constancy and proper operation at the beginning of each day of use.

Contrary to the above, from June 2022 to March 2024, for instrumentation used to measure the radioactivity of radioactive drugs, the licensee failed to check each instrument for constancy and proper operation at the beginning of each day of use. Specifically, on multiple occasions, the Atomlab 500 dose calibrator (SN: 236793004) was not checked for constancy at the beginning of each day of its use and was utilized to measure the radioactivity of a radioactive drug in the preparation of unit doses of technecium-99m.

This is a Severity Level IV violation (NRC Enforcement Policy, Section 6.3.d).

- B. 10 CFR 20.1501(c) requires, in part, that the licensee shall ensure that instruments and equipment used for quantitative radiation measurements are calibrated periodically for the radiation measured.

License Condition 20 B of NRC License No. 11-35522-01MD, Amendment No. 7, dated August 30, 2023, requires, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the email dated May 4, 2019 with enclosures.

Radiation Safety Manual Section V, "Survey Meter Calibration," states, in part, that instruments and equipment used for quantitative radiation measurements are calibrated for the radiation measured at intervals not to exceed 12 months.

Contrary to the above, on March 27, 2024, the licensee failed to ensure that instruments and equipment used for quantitative radiation measurements were calibrated for the radiation measured at intervals not to exceed 12 months. Specifically, the licensee failed to periodically calibrate a Ludlum Model 14C (SN: 114804) that was used for quantitative radiation measurements. The instrument was last calibrated in August 2022, a period that exceeds 12 months.

This is a Severity Level IV violation (NRC Enforcement Policy, Section 6.7.d.4).

Pursuant to 10 CFR 2.201, Quantum Isotopes of Idaho is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Director, Division of Radiological Safety and Security, U.S. Nuclear Regulatory Commission Region IV, 1600 E. Lamar Blvd., Arlington, Texas 76011, and emailed to [Lizette.Roldan-Otero@nrc.gov](mailto:Lizette.Roldan-Otero@nrc.gov) within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a

“Reply to a Notice of Violation, NRC Inspection Report 030-39149/2024-001” and should include, for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation or severity level; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps that will be taken; and (4) the date when full compliance was or will be achieved.

Your response may reference or include previous docketed correspondence if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, the NRC may issue an order or a demand for information requiring you to explain why your license should not be modified, suspended, or revoked, or why the NRC should not take other action as may be proper. Consideration may be given to extending the response time for good cause shown.

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

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 withholding of such material, 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).

In accordance with 10 CFR 19.11, you may be required to post this Notice within 2 working days of receipt.

Dated this 21<sup>st</sup> day of January 2026