



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

May 26, 2022

Dr. Tracey A. Martinson  
Radiation Safety Officer  
Environmental Health, Safety, and Risk Management  
University of Alaska Fairbanks  
P.O. Box 758145  
Fairbanks, AK 99775-8145

SUBJECT: NRC INSPECTION REPORT 030-01179/2022-001; AND NOTICE OF VIOLATION

Dear Dr. Martinson:

This letter refers to the announced routine inspection that began on March 1, 2022, at your facility in Fairbanks, Alaska. 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 and Julie Queen, Vice Chancellor for Administrative Services, at the conclusion of the onsite inspection on March 2, 2022. A final exit briefing was conducted by video conference with you on May 19, 2022.

Based on the results of this inspection, the NRC has determined that one Severity Level IV violation of NRC requirements occurred. The violation was 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 violation is cited in the enclosed Notice of Violation (Notice) because it was identified by the NRC during the inspection. The violation involved the failure to perform radiation surveys at the frequency specified in your procedures.

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/reading-rm/doc-collections/gen-comm/info-notices/1996/in96028.html>. 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 James Thompson, at (817) 200-1538, or the undersigned at (817) 200-1455.

Sincerely,



Signed by Roldan-Otero, Lizette  
on 05/26/22

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

Docket No. 030-01179  
License No. 50-02430-07

Enclosure:  
Notice of Violation (Notice)

cc w/Enclosure:  
Irene Casares  
Radiological Health Physicist II  
Alaska State Public Health Laboratories  
Department of Health & Social Services  
5455 Dr. Martin Luther King Jr. Ave  
Anchorage, Alaska 99507

SUBJECT: NRC INSPECTION REPORT 030-01179/2022-001; AND NOTICE OF VIOLATION –  
DATED MAY 26, 2022

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ADAMS ACCESSION NUMBER: **ML22145A598**

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By: MHK      ☒ Yes   ☐ No      ☒ Publicly Available and non-sensitive

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NAME	MHKawasmi	JLThompson	LRoldanOtero			
SIGNATURE	<i>JLT for</i>	<i>JLT</i>	LRO			
DATE	5/25/2022	5/25/2022	5/26/2022			

**OFFICAL RECORD COPY**

## NOTICE OF VIOLATION

University of Alaska Fairbanks  
Fairbanks, Alaska

Docket No. 030-01179  
License No. 50-02430-07

During an NRC inspection that began on March 1, 2022, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

Condition 33.D of NRC License No. 50-02430-07, Amendment No. 70, dated August 31, 2021 requires, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the application and letter dated January 15, 2021 with enclosures.

Item 6 of "Section IV- Radiation Safety Procedures" of "Appendix D- Radiation Safety Manual" of the enclosure states, in part, that all laboratories or sites where radioactive materials are stored or used will be surveyed not less than once per month.

Section "Radiation Surveys – Facilities and Laboratories where Radioactive Materials are Stored and/or Used" of "Appendix C1- The Redbook" of the enclosure states, in part, that the required frequency of radiation surveys for all radioactive sources is a minimum of once per month.

Contrary to the above, the licensee failed to conduct radiation surveys where radioactive materials are stored or used a minimum of once per month. Specifically, between November 2021 and February 2022, the licensee failed to conduct radiation surveys of Room 110, a laboratory in the Irving 1 building, where radioactive materials were stored and used.

This is a Severity Level IV violation (NRC Enforcement Policy, Section 6.3.d.3).

Pursuant to 10 CFR 2.201, University of Alaska Fairbanks 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; 030-01179/2022-001" 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.

Enclosure

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 26th day of May 2022