



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

April 27, 2021

Mr. Brian Kruer, President  
Hartford Quality Assurance, LLC  
20 West 7<sup>th</sup> Street  
New Albany, IN 47150

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03037549/2021001(DNMS) AND  
NOTICE OF VIOLATION – HARTFORD QUALITY ASSURANCE

Dear Mr. Kruer:

On March 3, 2021, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your New Albany, Indiana, facility, with continued in-office review through March 31, 2021. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. The in-office review included a review of training and audits procedures. Mr. Luis Nieves of my staff conducted a final exit meeting by telephone with you on March 31, 2021, to discuss the inspection findings. This letter (and the enclosed Security Addendum) presents the results of the inspection.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that Severity Level IV violations of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. Two of those violations were safety related and concerned the failure to: (1) annually review the radiation protection program, as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 20.1101(c); and (2) to perform leak test every 6 months as required by 10 CFR 34.27(c)(1). These violations are cited on the enclosed Notice of Violation (Notice) (Enclosure 1). The NRC is citing these violations in the enclosed Notice because the inspector identified them.

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

Enclosures 2 and 3 contain Sensitive Unclassified Non-Safeguards Information. When separated from the Enclosures 2 and 3, this transmittal letter and Enclosure 1 are decontrolled.

B. Kruer

2

Notice 96-28, "Suggested Guidance Relating to Development and Implementation of Corrective Action," may be useful in preparing your response. You can find the Information Notice on the NRC website at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1996/in96028.html>. You shall provide a root cause and corrective action for each violation in your response. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

The remaining violations involve security-related information and so your response will not be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Document Access and Management System (ADAMS). Please mark the top of each page of your response "Security-Related Information - Withhold Under 10 CFR 2.390". To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information.

Please feel free to contact Mr. Nieves of my staff if you have any questions regarding this inspection. Mr. Nieves can be reached at 630-829-9571.

Sincerely,

Michael A. Kunowski

Digitally signed by Michael A.  
Kunowski  
Date: 2021.04.27 11:08:01 -05'00'

Michael Kunowski, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-37549  
License No. 13-32671-01

Enclosure:

1. Notice of Violation (Public)
2. Notice of Violation (Non-Public)
3. Security Addendum (Non-Public)

cc w/encl: State of Indiana

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

B. Kruer

3

Letter to Brian Kruer from Michael Kunowski dated April 27, 2021.

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03037549/2021001(DNMS) AND  
NOTICE OF VIOLATION – HARTFORD QUALITY ASSURANCE

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**ADAMS Accession Number: ML21118A882**

OFFICE	RIII DNMS	C	RIII DNMS	C	RIII	RIII
NAME	LNieves:ps		MKunowski			
DATE	4/26/2021		4/26/2021			Click here to enter a date.

**OFFICIAL RECORD COPY**

NOTICE OF VIOLATION

Hartford Quality Assurance  
New Albany, Indiana

License No. 13-32671-01  
Docket No. 030-37549

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on March 3, 2021, with continued in-office review through March 31, 2021, two violations of NRC safety 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) 20.1101(c) requires that the licensee periodically (at least annually) review the radiation protection program content and implementation.

Contrary to the above, as of March 3, 2021, the licensee failed to review the radiation protection content and implementation for calendar year 2020.

This is a Severity Level IV violation (Section 6.3).

- B. Title 10 CFR 34.27(c)(1) requires each licensee who uses a sealed source have the source tested for leakage at intervals not to exceed 6 months.

Contrary to the above between June 4, 2020, and July 22, 2020, the licensee failed to have 3 sources tested for leakage at intervals not to exceed 6 months. Specifically: (1) between November 25, 2019, and June 4, 2020, an iridium-192 (Ir-192) sealed source serial number 92216G was not leak tested; (2) between January 14 and July 22, 2020, an Ir-192 sealed source serial number 93868G was not leak tested; and (3) between March 19 and September 21, 2020, an Ir-192 sealed source serial number 95921G was not leak tested.

This is a Severity Level IV violation (Section 6.3).

Pursuant to the provisions of CFR 2.201, Hartford Quality Assurance 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 Regional Administrator, Region III, 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" and should include: (1) the reason and root cause for the violations, or, if contested, the basis for disputing the violations or their 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 will be achieved. Your response may reference or include previously docketed correspondence, if the correspondence adequately addresses the required response. If an

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Enclosure 1

Notice of violation

2

adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because these issues involve security-related information, your response to this Notice will not be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. Please ensure that you mark the top of each page of your response with "Security-Related Information – Withhold Under 10 CFR 2.390." To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

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, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt. However, you are reminded to review 10 CFR Part 37 for superseding requirements that limit release of information to certain individuals.

Dated this 27th day of April 2021.