



Materials Inspection Report

1. Licensee/Location Inspected:

Christian Hospital
Dept. of Nuclear Medicine
11133 Dunn Rd.
St. Louis, MO 63136

Report Number(s) 2022001

2. NRC/Regional Office

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. Docket Number(s)

030-02382

4. License Number(s)

24-13383-01

5. Date(s) of Inspection

8/4/22 - 9/21/22

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:



1. Based on the inspection findings, no violations were identified.



2. Previous violation(s) closed.



3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.

(Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper Digitally signed by Jason D. Draper Date: 2022.10.11 12:46:03 -05'00'
BRANCH CHIEF	Michael A. Kunowski	Michael A. Kunowski Digitally signed by Michael A. Kunowski Date: 2022.10.12 06:49:17 -05'00'



Materials Inspection Record

1. Licensee Name: Christian Hospital		2. Docket Number(s): 030-02382		3. License Number(s) 24-13383-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: 8/4/22 with in-office review through 9/21/22		
6. Inspector(s): Jason Draper		7. Program Code(s): 02120		8. Priority: 3	9. Inspection Guidance Used: IP 87130
10. Licensee Contact Name(s): Corey Ginetz, M.S., RSO		11. Licensee E-mail Address: corey.ginetz@westphysics.com		12. Licensee Telephone Number(s): 770-435-9186	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Non-Routine <input type="checkbox"/> Initial <input type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 08/04/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced routine inspection of a community hospital authorized to use byproduct materials permitted by 10 CFR 35.100, 35.200, 35.300, and 31.11. The licensee's nuclear medicine department was staffed with two full-time nuclear medicine technologists (NMTs) who performed approximately 25-30 diagnostic administrations per week of primarily technetium-99m radiopharmaceuticals as well as 6-7 administrations of I-131 capsules requiring written directives per year. Diagnostic dosages were received as unit dosages from a licensed radiopharmacy, and all waste was either held for decay-in-storage or returned to the radiopharmacy. In addition to the byproduct material for nuclear medicine uses, the licensee was also licensed to possess depleted uranium (DU) for use as shielding in a linear accelerator, but the licensee disposed of that shielding material in 2009 and no longer possessed any DU. The licensee contracted the services of a health physics consultant who performed quarterly audits of the program.

During the inspection, the inspector toured the licensee's facility to ensure materials were being stored and secured appropriately and took independent radiation surveys to verify areas were appropriately posted. There were no patients to be administered byproduct material while the inspector was onsite, so the inspector observed the NMTs demonstration of activities such as package receipt surveys, dose calibrator and well counter checks, dosage preparation and measurement, and dosage administration. The inspector also interviewed the NMTs regarding area and contamination surveys, waste handling and disposal, and spill response procedures. The inspector reviewed records associated with dosimetry, I-131 written directives, instrument calibrations, radiation safety program reviews, and radiation safety committee meeting minutes.

The in-office review included a review of records not available during the on-site inspection associated with the disposal of the DU shielding material.

No violations of NRC requirements were identified as a result of this inspection.

From: [Jason Draper](#)
To: [Corey Ginetz](#)
Cc: [Stacey Ballard](#); [Sonja Slavuljica](#)
Subject: NRC 591M - Christian Hospital
Date: Wednesday, October 12, 2022 3:19:00 PM
Attachments: [NRC 591M - Christian Hospital idmk.pdf](#)

Mr. Ginetz,

As we discussed during our phone call on September 21, 2022, attached is the inspection report for the routine NRC inspection that was performed of your facility in St. Louis, Missouri, on August 4, 2022. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," 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'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>. 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.

Jason Draper

Health Physicist (Inspector)

NRC / Region III / DNMS / MIB

(630) 829-9839

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