



Materials Inspection Report

1. Licensee/Location Inspected: Cardiovascular Associates, P.C. 27177 Lasher Rd. Southfield, MI 48034 Report Number(s) 2023001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. Docket Number(s) 030-08670	4. License Number(s) 21-15166-01	5. Date(s) of Inspection May 17, 2023

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	Luis Nieves Folch	Luis A. Nieves Folch <small>Digitally signed by Luis A. Nieves Folch Date: 2023.06.01 14:19:39 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	<i>Rhex Edwards</i> <small>Digitally signed by Ryan J. Craffey Date: 2023.06.05 09:13:01 -04'00'</small>



Materials Inspection Record

1. Licensee Name: Cardiovascular Associates, P.C.		2. Docket Number(s): 030-08670		3. License Number(s) 21-15166-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: May 17, 2023		
6. Inspector(s): Luis Nieves Folch		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: 87130	
10. Licensee Contact Name(s): Diane Dormal, CNMT		11. Licensee E-mail Address: cvadiane@gmail.com		12. Licensee Telephone Number(s): 248-357-1360	

13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected: <input type="checkbox"/> Hybrid		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Announced	<input checked="" type="checkbox"/> Main Office	<input type="checkbox"/> Field Office	5-17-2028	
<input type="checkbox"/> Non-Routine	<input checked="" type="checkbox"/> Unannounced	<input type="checkbox"/> Temporary Job Site	<input type="checkbox"/> Remote	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Location(s) Inspected List:
27177 Lasher, Southfield, Michigan 48034

17. Scope and Observations:

This was a routine, unannounced inspection of a clinic authorized by its NRC license to use unsealed byproduct material for diagnostic procedures under 10 CFR 35.100 and 35.200. The licensee is a cardiology clinic located in Southfield, Michigan. The clinic was staffed with one Nuclear Medicine Technologist that worked only Wednesdays and Thursdays and administered three cardiac doses. The clinic receives doses from a nearby radiopharmacy and only performs heart studies. All waste is either held in storage for decay in storage or returned to the radiopharmacy. The licensee had a medical physics consultant to perform reviews of their program.

The inspector observed the preparation and administration of a cardiac resting test. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee demonstrated and described morning checks, package receipt surveys and wipes, and daily and weekly contamination surveys. Review of audit reports, instruments calibration, inventory, surveys, linearity, accuracy, leak test, and dosimetry. The inspector performed confirmatory surveys that showed no exposures of regulatory concern.

No violations were identified during this inspection.

Signature and Date - Branch Chief

Ryan J. Craffey

Digitally signed by Ryan J. Craffey
Date: 2023.06.05 09:29:42 -04'00'

From: [Luis Nieves Folch](#)
To: cvadiane@gmail.com
Subject: NRC 591 IR Cardiovascular Associates, P.C.
Date: Monday, June 12, 2023 2:06:00 PM
Attachments: [591M Cardiovascular Associates, P.C. sign_RJC.pdf](#)

Dear Diane

Attach is the clear 591 report for the inspection conducted on 5/17/2023. At this point there is no further actions on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be 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 feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
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Fax: (630) 515-1259