



Materials Inspection Report

1. Licensee/Location Inspected: Nuclear Cardiac Imaging, LLC 3491 South Huron Road, Suite 2 Bay City, MI 48706 Report Number(s) 2022-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. Docket Number(s) 030-36938	4. License Number(s) 21-32577-01	5. Date(s) of Inspection October 21 and 28, 2022

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	Ryan Craffey	 <small>Digitally signed by Ryan J. Craffey Date: 2022.11.21 10:06:56 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2022.11.23 11:36:13 -06'00'</small>



Materials Inspection Record

1. Licensee Name: Nuclear Cardiac Imaging		2. Docket Number(s): 030-36938		3. License Number(s) 21-32577-01	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: October 21 and 28, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 02220	8. Priority: 3	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Dale Sharrard - CEO Andrew Burg - CNMT		11. Licensee E-mail Address: ncibilling@yahoo.com andrew.burg1@gmail.com		12. Licensee Telephone Number(s): 989-667-6980 989-619-6574	
13. Inspection Type: <input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 10/21/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: Main Office - 3491 South Huron Road, Suite 2, Bay City, MI Temporary Job Site - 3720 Katalin Court, Bay City, MI					
17. Scope and Observations: <p>Nuclear Cardiac Imaging was a mobile nuclear medicine service provider authorized to possess and use byproduct material for diagnostic administrations of radiopharmaceuticals at two locations in Bay City, Michigan, and at temporary job sites in NRC jurisdiction. The licensee employed two nuclear medicine technologists who performed cardiac stress tests using unit doses of Tc-99m on one of two mobile coaches driven to client facilities throughout mid- and Northern Michigan. At the time of the inspection, the licensee performed 10-11 cardiac stress tests every Monday in Alpena, and 1-2 per day as needed during the rest of the week in Alma, Bay City, Clare, and/or West Branch. The licensee retained the services of a medical physics consultant to serve as RSO.</p> <p>On October 21, the inspector visited the licensee's office on South Huron Road in Bay City (the other authorized location was a backup for material receipt and storage). All areas including both coaches were adequately posted, and all licensed material was adequately secured and accounted for. Independent surveys of the coaches found no evidence of residual contamination. The technologists demonstrated instrument quality control checks, protocols for receipt of packages containing licensed material, implementation of safe handling practices for licensed material including unit dose preparation and decay-in-storage radioactive waste handling, and the conduct of area surveys. Both technologists were knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements. The inspector reviewed a selection of package receipt, dose administrations, area surveys, and waste handling records, as well as shipping papers, personnel dosimetry reports, and quarterly consultant audits.</p> <p>On October 28, the inspector visited one of the licensee's coaches parked at a temporary job site in Bay City. The inspector observed the preparation and administration of two unit doses for a cardiac stress test, as well as end-of-day surveys and waste handling. Additional independent surveys inside and outside the coach found no evidence of residual contamination at this location. The licensee's technologists implemented adequate ALARA practices, used calibrated and operable radiation detection instruments, and wore personnel dosimetry as assigned and required.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p>					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'R. Edwards', with a long horizontal line extending to the right.

Digitally signed by Rhex A. Edwards
Date: 2022.11.23 11:36:44 -06'00'