

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Heart Care Imaging, Inc. 1500 S. Main St. Eaton Rapids, Michigan 48827  REPORT NUMBER(S) 2021001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-39233	4. LICENSE NUMBER(S)  21-35598-01	5. DATE(S) OF INSPECTION  August 4, 2021
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**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. 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, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and 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	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Jason D. Draper, Health Physicist	Jason D. Draper	Digitally signed by Jason D. Draper Date: 2021.08.19 07:02:25 -05'00'
BRANCH CHIEF	Michael A. Kunowski	Michael A. Kunowski	Digitally signed by Michael A. Kunowski Date: 2021.08.19 12:48:40 -05'00'



### Materials Inspection Record

1. Licensee Name: Heart Care Imaging, Inc.		2. Docket Number(s): 030-39233		3. License Number(s) 21-35598-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: August 4, 2021		
6. Inspector(s): Jason Draper		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): James Avery, RSO		11. Licensee E-mail Address: javery@heartcareimaging.com		12. Licensee Telephone Number(s): 561-267-6916	
13. Inspection Type: <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <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): 08/04/2026 <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 initial inspection of a diagnostic imaging service that provided nuclear medicine service for a community hospital located in Eaton Rapids, Michigan. The licensee was authorized to possess and use byproduct material permitted under 10 CFR 35.100 and 35.200. The licensee began principal activities in November of 2020. One certified nuclear medicine technologist (CNMT) administered diagnostic dosages of byproduct material to approximately six patients weekly on Wednesdays and Thursdays. The licensee performed a range of diagnostic studies including cardiac and general nuclear medicine. Injections were administered either in injection areas inside the hospital or inside the licensee's computed tomography (CT) coach permanently parked adjacent to the hospital. The licensee received unit dosages in the CT coach from a licensed radiopharmacy, and all radioactive waste was either returned to the radiopharmacy or held for decay-in-storage. The licensee retained the services of a medical physics consultant that performed quarterly audits, and the licensee's Radiation Safety Officer (RSO) performed monthly visits to oversee operations and review records.

At the time of the on-site inspection, there were no nuclear medicine administrations scheduled. The inspector toured the CT coach and areas in the hospital where byproduct material was used. The inspector also observed the CNMT demonstrate package receipt surveys, dose calibrator constancy checks, daily and weekly surveys, and handling of radioactive waste and disposal procedures. The CNMT also demonstrated how the licensee secured byproduct material in the CT coach. The inspector reviewed records for dose calibrator linearity, accuracy, and geometry tests, quarterly radiation safety program audits, and personnel dosimetry. The inspector interviewed the RSO and CNMT with regard to emergency procedures, periodic radiation safety program reviews, and control of radioactive material between the CT coach and the administration areas inside the hospital. The inspector also performed independent radiation measurements of the licensee's facility and found readings to be consistent with the licensee's survey results and within regulatory limits.

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