

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Nuclear Cardiac Imaging, LLC 3491 South Huron Road Suite 2 Bay City, MI 48706 REPORT NUMBER(S) 2018001		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 December 19, 2018

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:

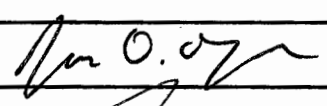

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		12/19/18
BRANCH CHIEF	Aaron T. McCraw		1/2/19

Docket File Information

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<p>3. DOCKET NUMBER(S)</p> <p>030-36938</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-32577-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>December 19, 2018</p>
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<p>6. INSPECTION PROCEDURES USED</p> <p>87130</p>	<p>7. INSPECTION FOCUS AREAS</p> <p>03.01-03.07</p>
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SUPPLEMENTAL INSPECTION INFORMATION

<p>1. PROGRAM CODE(S)</p> <p>02220</p>	<p>2. PRIORITY</p> <p>3</p>	<p>3. LICENSEE CONTACT</p> <p>Dale Sharrard, CEO</p>	<p>4. TELEPHONE NUMBER</p> <p>(989) 667-6980</p>
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Main Office Inspection Next Inspection Date: 12/19/2021

Field Office Inspection 3303 Dobson Drive

Temporary Job Site Inspection 5225 Hampton Place, Saginaw, MI

PROGRAM SCOPE

This was an unannounced, routine inspection of a mobile nuclear medicine licensee based out of Bay City, MI, who is authorized by the NRC to use materials for imaging and localization studies permitted by 10 CFR 35.200. At the time of the inspection, the licensee operated two mobile imaging rigs that were dispatched Monday through Friday (as needed) with scheduled temporary jobsites in Michigan up to 150 miles from the main office location. A local radiopharmacy delivered doses directly to the rigs either at the storage location or at the temporary jobsite location. The licensee performed only cardiac imaging using primarily technetium-99m sestamibi for approximately 2-10 patients per day. The licensee employed three nuclear medicine technologists, and retained the services of a medical physics consultant to serve as RSO and to conduct quarterly audits of the program.

PERFORMANCE OBSERVATIONS

The inspector toured one of the licensee's rigs at a temporary jobsite in Saginaw, Michigan. At this location, the inspector observed the two technologists prepare and administer one resting dose and two stress doses of technetium-99m and concluded that the technologists demonstrated safe handling of the doses and proper use of personal dosimetry. The technologists also satisfactorily described and demonstrated their procedures for package receipt, end-of-day area surveys, and blocking and bracing of packages during transport. The inspector verified that the licensee's shipping papers were current and accurate.

The inspector toured the licensee's main office facility where one of the mobile rigs was being stored. Here, the inspector verified that the material was properly secured and performed independent surveys to verify that the sealed sources on the rig were properly shielded and that there was no residual contamination on the rig. The inspector also reviewed a selection of records including dosimetry reports, instrumentation checks and calibrations, daily area survey and weekly wipe test results, radiation safety and hazmat training records, sealed source inventories and leak tests, and quarterly audits by the RSO.

The inspector also toured the Dobson Drive storage location listed on the license. The inspector verified that the licensee no longer stores the rigs or any nuclear material at that location.

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