

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Nuclear Cardiac Imaging, LLC 3491 S. Huron Road Bay City, MI 48706 Location Inspected: Alma, Michigan REPORT NUMBER(S) 2016-001		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 JANUARY 22 ND , 2016	

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:

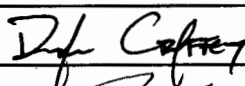
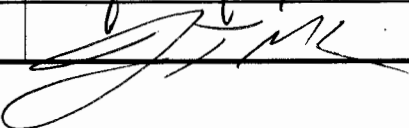
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		1/22/16
BRANCH CHIEF	Aaron McCraw		2/3/16

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02220	2. PRIORITY 3	3. LICENSEE CONTACT Dale Sharrard - CEO	4. TELEPHONE NUMBER (989) 326-0929
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Main Office Inspection Next Inspection Date: 01/22/2019
 Field Office Inspection _____
 Temporary Job Site Inspection 1909 Pine Avenue, Alma, Michigan

PROGRAM SCOPE

This was an announced routine inspection of a mobile nuclear medicine service provider authorized to perform diagnostic administrations of byproduct material at temporary job sites throughout NRC jurisdiction. At the time of the inspection, the licensee routinely dispatched two rigs, each staffed by two nuclear medicine technologists, to clients as far as 80-100 miles from its base on South Huron Road in Bay City. The licensee's routine schedule included clients in Bay City on Monday, Essexville and Alma on Tuesday, Saginaw and Mount Pleasant on Wednesday, and again in Alma on Friday. The licensee received material from a radiopharmacy in Sagniaiw, whose drivers delivered unit doses directly to the rigs once at client facilities. The licensee retained the services of a medical physics consultants 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 client in Alma, Michigan to evaluate the implementation of measures for materials security, hazard communication and exposure control. The inspector conducted independent surveys in and around the rig, and found no evidence of residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the preparation and administration of one cardiac stress test using technetium-99m, and the conduct of area surveys. The technologists demonstrated satisfactory use of dosimetry, survey instruments, and ALARA practices, and through various discussions with the inspector demonstrated an adequate understanding of radiation protection principles and applicable regulatory requirements.

The inspector reviewed a selection of the licensee records available on-site, including shipping papers for sealed sources and unused doses, package receipt surveys, area surveys, and waste handling records.

The licensee was previously cited for a violation relating to the failure to block and brace packages containing radioactive material while in transport on public highways. The inspector reviewed the licensee's corrective actions, which appeared to be adequate, and found the violations to be non-recurring. Therefore, the NRC considers these violations to be closed. No other violations of NRC requirements were identified as a result of this inspection.