

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Cardiovascular Associates, P.C. 27177 Lahser Road Suite 103 Southfield, MI 48034 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) 030-08670	4. LICENSE NUMBER(S) 21-15166-01	5. DATE(S) OF INSPECTION April 12, 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	Luis Nieves Folch		4/26/2018
BRANCH CHIEF	Aaron T. McCraw		5/1/18

Docket File Information
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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT KJ Hendrickson	4. TELEPHONE NUMBER (248) 357-1360
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Main Office Inspection Next Inspection Date: April 12, 2023

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a nuclear medicine clinic authorized by its NRC license to use unsealed byproduct material for diagnostic cardiac procedures at two locations. At the time of the inspection, the clinic was open every Monday and Friday at the Warren location, and Tuesday, Wednesday, and Thursday at the Southfield location. A local radiopharmacy delivered unit doses to the clinics for diagnostic cardiac procedures. The licensee employed one full-time nuclear medicine technologist at each of the locations and preformed 8-16 patients per day at the Southfield location and six patients per day at the Warren location. The licensee retained the services of a medical physics consultant to perform instrument calibrations, leak test, and quarterly audits of the radiation safety program.

PERFORMANCE OBSRVATIONS

At the time of the inspection , the nuclear medicine technologist was not present, one of the nurses showed the inspector around and provided access to the paper work, the hot lab, and the administration rooms. No administration of licensed material were performed during the inspection. The licensee described preparation and administration of doses. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector reviewed quarterly audit reports, spill reports, and documentation of package receipt, area surveys, instrument quality control, waste disposal, and employee training. The inspector also reviewed monthly dosimetry reports which indicated annual whole-body and extremity doses below regulatory limits.

During the last inspection, one violation was identified for failure to wear a finger dosimetry. The inspector reviewed the corrective actions by interviewing licensee staff and reviewing dosimetry records, This violation is closed.

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

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Tuesday, May 01, 2018 2:07 PM
To: 'cardiovascularoffice@gmail.com'
Subject: NRC Clear 591 report.
Attachments: Cardio vascular SKM_C45818050107510.pdf

Dear Ms. Hendrickson,

Attach is the clear 591 report for the inspection conducted on April 12, 2018, no further actions are required at this moment 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
Office: (630) 829-9571
Fax: (630) 515-1259