

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Cardiovascular Consultants, P.C.  
37771 Schoenherr, Suite 101  
Sterling Heights, Michigan 48312

REPORT NUMBER(S) 2013001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-34767

4. LICENSE NUMBER(S)

21-32102-01

5. DATE(S) OF INSPECTION

FEBRUARY 1, 2013

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:

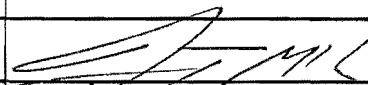
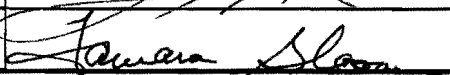
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Aaron T. McCraw		2/1/13
BRANCH CHIEF	Tamara E. Bloomer		2/6/13

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Cardiovascular Consultants, P.C. 37771 Schoenherr, Suite 101 Sterling Heights, Michigan 48312  REPORT NUMBER(S) 2013001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-34767	4. LICENSE NUMBER(S)  21-32102-01	5. DATE(S) OF INSPECTION  February 1, 2013	
6. INSPECTION PROCEDURES USED  IP 87130	7. INSPECTION FOCUS AREAS  03.01-03.08		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02201	2. PRIORITY  5	3. LICENSEE CONTACT  Armando Madrazo, M.D., RSO	4. TELEPHONE NUMBER  (586) 274-2450
<input checked="" type="checkbox"/> Main Office Inspection      Next Inspection Date: 02/01/2018 <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

This was a routine inspection of a cardiology clinic in Sterling Heights, Michigan. The licensee was authorized to use materials permitted by 10 CFR 35.200. The licensee was also authorized to use materials at a second location of use in Washington Township, Michigan. The licensee performed studies Tuesdays and Thursdays at the Sterling Heights facility. On average, the licensee served 21 patients per week, both resting and stress studies for each patient. The licensee used only unit doses received from a local radiopharmacy. The licensee employed three nuclear medicine technologists. The licensee retained the services of a consulting physicist who serves as the radiation safety officer and reviews the program quarterly.

**PERFORMANCE OBSERVATIONS**

On the day of the inspection, the licensee was not conducting any studies; however, a nuclear medicine technologist was available for interview. The inspector interviewed the nuclear medicine technologist regarding dose calibrator checks, package receipt and survey, dose assays, spill procedures, and area surveys and wipes. The inspector reviewed instrumentation records, quarterly audit reports, training records, transportation records, waste disposal records, and dosimetry records. Dosimetry records for 2012 showed that the highest doses received were 150 mrem whole body and 520 mrem extremity.

No violations were identified during this inspection.