

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: <i>CARDIOVASCULAR SPECIALISTS 29645 14 mile RD SUITE 200 FARMINGTON HILLS, MI 48334</i>		2. NRC/REGIONAL OFFICE <i>US NRC Region III 2443 WARRENVILLE RD LIBLE, IL 60532</i>	
3. DOCKET NUMBER(S) <i>030-18253</i>		4. LICENSE NUMBER(S) <i>21-26324-01</i>	5. DATE(S) OF INSPECTION <i>6/9/10</i>

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, NUREG-1600, 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)
*10CFR 1906.6(c) requires that each licensee monitor the external SURFACES of labeled packages for radioactive contamination unless the package contains only radioactive material in the form of a gas or in special forms as defined in 10CFR 71.4.
CONTRARY TO THE ABOVE, ON SEVERAL OCCASIONS AS OF 6/9/10, THE LICENSEE FAILED TO MONITOR THE EXTERNAL SURFACES OF LABELED PACKAGES FOR RADIOACTIVE CONTAMINATION AND THE PACKAGES CONTAINED RADIOACTIVE MATERIAL IN LIQUID FORM.
THE LICENSEE'S SHORT TERM CORRECTIVE ACTION WAS TO IMMEDIATELY MONITOR THE EXTERNAL SURFACES OF ALL RADIOACTIVE LABELED PACKAGES*

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	<i>Lyann K. Miller</i>	<i>[Signature]</i>	<i>6/9/10</i>
NRC INSPECTOR	<i>E. KOLBA / R. GATTARE</i>	<i>[Signature]</i>	<i>6/9/10</i>

2/5

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

CARDIOVASCULAR SPECIALISTS

2. NRC/REGIONAL OFFICE

US NRC Region III

REPORT NUMBER(S)

3. DOCKET NUMBER(S)

030-18253

4. LICENSE NUMBER(S)

21-20324-01

5. DATE(S) OF INSPECTION

6/9/10

(Continued)

The long term corrective actions the licensee will take will include changing written procedures to include exterior surface monitoring for radioactive labeled packages, monitoring quarterly by the RSO, and training in this area

8/5

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Cardiovascular Specialists, P.C. REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-18253	4. LICENSE NUMBER(S) 21-20324-01	5. DATE(S) OF INSPECTION June 10, 2010	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3121	2. PRIORITY 5	3. LICENSEE CONTACT Andy Papaleo, CNMT	4. TELEPHONE NUMBER 248-932-3700
----------------------------	------------------	-------------------------------------------	-------------------------------------

Main Office Inspection Next Inspection Date: June 2015

Field Office

Temporary Job Site Inspection

PROGRAM SCOPE

The licensee is a medical clinic located in Farmington Hills, Michigan, and authorized by the license to use any byproduct material permitted by 10 CFR 35.200, except xenon-133. Licensed activities were conducted in the nuclear medicine /cardiac stress test/scanning room at the authorized location indicated on the license. The nuclear medicine department was staffed with one nuclear medicine technologist (NMT). The NMT's routinely conducted 10 cardiac studies each day M-F. The licensee received unit doses as ordered from a local licensed nuclear pharmacy. All waste was held for decay-in-storage (DIS) or returned to the nuclear pharmacy as a limited quantity shipment. No change in RSO or Chief NMT since the previous inspection.

Performance Observations

During the inspection, the licensee's NMT demonstrated /discussed 1) area surveys and survey meter use; (2) package checkin procedures and wipe test counting; (3) doismetry; (4) dose calibration checks; (5) security; and (6) consultant audits.

The inspectors determined that a violation for failure to wipe the outside of the package for a period of time including the day of the inspection. The NMT stated that he routinely wiped only the inside of the package.

Jep