

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Cardiology Southwest P.C. 61 North Saint Joseph Avenue Niles, MI 49120</p> <p>REPORT NUMBER(S) 12-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-37384</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-32639-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>August 29, 2012</p>

**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:

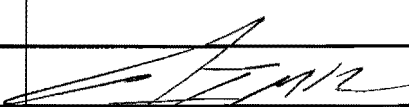

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		8/29/12
BRANCH CHIEF	Tamara E. Bloomer		9/29/12

**Docket File Information**  
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3. DOCKET NUMBER(S)  030-37384	4. LICENSE NUMBER(S)  21-32639-01	5. DATE(S) OF INSPECTION  August 24, 2012
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6. INSPECTION PROCEDURES USED  IP 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  Ogubay Messmer, M.D., AU	4. TELEPHONE NUMBER  (269) 684-6211
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Main Office Inspection      Next Inspection Date: 08/24/2017

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine inspection of a cardiology clinic in Niles, Michigan. The licensee was authorized to use materials permitted by 10 CFR 35.100 and 35.200. The licensee performed studies all day on Mondays, Tuesdays, Thursdays, and Fridays and half days on Wednesdays (mornings). On average, the licensee served 3-5 patients per day, both resting and stress studies for each patient. The licensee used only unit doses received from a local radiopharmacy. The licensee employed one nuclear medicine technologist. On days when the technologist is not in the office, the licensee does not conduct any nuclear imaging studies. The licensee retained the services of a consulting physicist who serves as the radiation safety officer and reviews the program quarterly.

**PERFORMANCE OBSERVATIONS**

During this inspection, the inspector interviewed the nuclear medicine technologist; observed assays of unit doses; performed independent, confirmatory surveys; and reviewed select records. The inspectors reviewed instrumentation records, quarterly audit reports, training records, transportation records, waste disposal records, and dosimetry records. Dosimetry records for 2011 showed that the highest doses received were 54 mrem whole body and 170 mrem extremity. The inspector noted that personnel doses had dropped significantly since the last inspection due to the licensee's effort to use the minimum doses possible to still obtain quality images. As a comparison, dosimetry records for 2008 showed that the highest doses received were 297 mrem whole body and 1,280 mrem extremity.

No violations were identified during this inspection.

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