

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Lansing Cardiovascular Institute, Inc. 5848 Executive Drive Lansing, Michigan 48911</p> <p>REPORT NUMBER(S) 11-001</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>030-33183</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-26498-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>November 17, 2011</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	Andrew M. Beamanik	<i>Andrew M. Beamanik</i>	11/17/11
BRANCH CHIEF	Tamara E. Bloomer	<i>Tamara E. Bloomer</i> T65	11/25/11

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Lansing Cardiovascular Institute REPORT NUMBER(S) 11-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
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3. DOCKET NUMBER(S) 030-33183	4. LICENSEE NUMBER(S) 21-26498-01	5. DATE(S) OF INSPECTION November 17, 2011
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6. INSPECTION PROCEDURES 87130	7. INSPECTION FOCUS AREAS 03.01 – 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2201	2. PRIORITY 5	3. LICENSEE CONTACT Jwala Prasad, M.D. – RSO	4. TELEPHONE NUMBER 517-882-8222
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Main Office Inspection

Field Office Inspection

Temporary Job Site Inspection _____

Next Inspection Date: November 2016

PROGRAM SCOPE

This was a routine inspection of a private cardiology clinic that performed approximately 8 diagnostic nuclear medicine procedures per week. One full time nuclear medicine technologist performed all patient procedures. The licensee obtained licensed material as unit doses from an area nuclear pharmacy, and did not use xenon-133, bulk doses, or molybdenum/technetium generators. The licensee was not authorized to administer therapeutic doses of licensed material.

PERFORMANCE OBSERVATIONS

The inspector observed two resting doses of technetium-99m being administered during the inspection. These observations, combined with interviews of available staff, revealed an adequate level of understanding of emergency and material handling procedures and techniques. The inspector observed the licensee perform dose calibrator constancy checks and package receipt procedures. The licensee successfully demonstrated or described daily surveys as well as waste handling and disposal procedures. An outside consultant performed quarterly program audits that were adequate to oversee the program.

Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed a radiation survey meter that was calibrated and operational. Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated that the highest annual whole body and extremity readings for the past four years were 230 millirem (mrem) and 1050 mrem, respectively.

No violations were identified during this inspection.