

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Premier Cardiovascular Consultants 1629 W. Big Beaver Rd. Troy, MI 48084</p> <p>REPORT NUMBER(S) 2018001</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>030-39015</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-35394-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>March 8 &amp; 27, 2018</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.

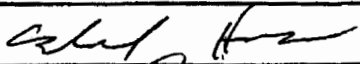
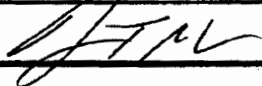
Non-cited violation(s) were discussed involving the following requirement(s):

\_\_\_\_\_

- 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	Edward F. Harvey		3/27/18
BRANCH CHIEF	Aaron T. McCraw		04/06/2018

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  All
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02202	2. PRIORITY  5	3. LICENSEE CONTACT  Mohamad Baydoun	4. TELEPHONE NUMBER  (248) 480-0363
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Main Office Inspection      Next Inspection Date: March 8, 2023  
 Field Office Inspection \_\_\_\_\_  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an announced, initial inspection of a cardiology clinic authorized to use byproduct material for diagnostic medical procedures permitted by 10 CFR 35.200. The licensee began administrations of byproduct material on October 24, 2017. One nuclear medicine technologist (NMT) performed approximately five diagnostic administrations on every other Tuesday. The cardiology clinic received unit doses from a licensed radiopharmacy. All waste was either held for decay-in-storage or returned to the radiopharmacy as limited quantity shipments.

On March 27, 2018, the inspector observed the NMT demonstrate package receipt and surveying procedures, daily dose calibrator constancy checks, daily surveys, and waste disposal procedures. In addition, the inspector observed the administration of technetium-99m doses for three stress tests. The inspector noted that the NMT wore the appropriate personal protective equipment, assayed the dose, and minimized exposure by using a shielded box for the syringe. The NMT also demonstrated adequate knowledge of radiation protection principles and emergency procedures in the event of a spill through interviews with the inspector. All licensed material was secured from unauthorized removal when not under surveillance of licensee personnel.

The inspector reviewed a selection of licensee records, including quarterly audits, source inventories, survey meter calibration records, and package receipt logs with no issues noted. No dosimetry records were available as the licensee processed badges on a semi-annual frequency. As such, the first set of badges were scheduled for processing at the end of April 2018. In addition, the inspector performed independent surveys, which revealed no readings that would indicate residual contamination or exposures to members of the public in excess of regulatory limits.

The inspector also verified that corrective actions were implemented for a previously identified violation concerning the licensee's failure to notify the NRC no later than 30 days after the Radiation Safety Officer (RSO) named on their license permanently discontinued duties. As corrective action, on December 27, 2017, the licensee requested an amendment to have a new RSO added to their license. The NRC approved and issued the amendment on April 3, 2018. This violation is closed. No new violations of NRC requirements were identified during this inspection.