

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Central Missouri Cardiology, P.C. 3501 West Truman Boulevard, Suite A Jefferson City, MO 65109</p> <p>REPORT NUMBER(S) 2013-001</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>
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<p>3. DOCKET NUMBER(S)</p> <p>030-36211</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32441-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>July 17, 2013</p>
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**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:

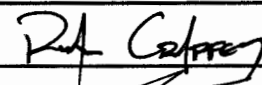
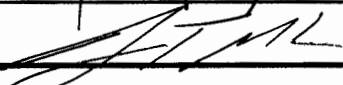
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		7/22/13
BRANCH CHIEF	Aaron McCraw		7/26/13

**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)  02201	2. PRIORITY  5	3. LICENSEE CONTACT  Patrick Bexten, CNMT	4. TELEPHONE NUMBER  (573) 659-2010
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Main Office Inspection      Next Inspection Date: July 2018

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

This licensee is a cardiology clinic authorized by its NRC license to use unsealed byproduct material for diagnostic procedures under 10 CFR 35.100 and 35.200 at its facility in Jefferson City, Missouri. A local radiopharmacy delivers unit doses to the clinic primarily for dual-isotope stress tests. The clinic also receives rubidium-82 generators from the manufacturer every four to five weeks for PET scans. The clinic employs two full time nuclear medicine technologists who schedule PET scans on Mondays, Wednesdays and Fridays, and SPECT scans on Tuesdays and Thursdays. The clinic performs approximately 80 scans per week in total, and retains the services of a medical physics consultant to perform instrument calibrations, leak tests and quarterly audits of the radiation safety program, which the clinic's management reviews during quarterly department meetings.

**PERFORMANCE OBSERVATIONS**

The inspector toured the nuclear medicine lab, where the technologists demonstrated the licensee's procedures for package receipt, dose preparation and waste handling. The inspector observed two PET scans using approximately 30 mCi of rubidium-82. The inspector found the various areas of the nuclear medicine lab and the licensed material contained therein to be adequately secured. Independent and confirmatory surveys of the hot lab and other areas of the nuclear medicine department found no contamination or exposures to members of the public distinguishable from background. The nuclear medicine technologists demonstrated adequate knowledge of radiation protection principles and practices through interviews and demonstrations.

The inspector reviewed a selection of licensee records, including those for quarterly audits, package receipt, generator quality control, area surveys, waste disposal, sealed source inventory and leak testing, as well as training. The inspector also reviewed dosimetry reports, which indicated annual whole-body and extremity doses below regulatory limits.

No violations of NRC requirements were identified as a result of this inspection.