

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Cardiology Diagnostics, Ltd. 2325 Dougherty Ferry Road St. Louis, Missouri 63122 REPORT 2007-001		2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532	
3. DOCKET NUMBER(S) 030-35804	4. LICENSEE NUMBER(S) 24-32314-01	5. DATE(S) OF INSPECTION March 16, 2007	

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) was/were discussed involving the following requirement(s) and Corrective Action(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)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Geoffrey M. Warren		3/16/07

Docket File Information
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AND COMPLIANCE INSPECTION



1. LICENSEE Cardiology Diagnostics, Ltd. REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-35804	4. LICENSE NUMBER(S) 24-32314-01	5. DATE(S) OF INSPECTION March 16, 2007	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT Diana L. Westerfield, D.O., RSO	4. TELEPHONE NUMBER 314-966-9888
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Main Office Inspection Next Inspection Date: **Mar. 2012**

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

The licensee was an outpatient cardiac clinic located in St. Louis, Missouri, which primarily served the St. Louis metropolitan area. Licensee had authorization to use byproduct materials under Sections 35.100 and 35.200. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist. The technologist typically administered 170 diagnostic doses monthly, exclusively technetium-99m and thallium-201 for cardiac procedures. All doses were received as unit doses from a licensed radiopharmacy. All waste was held for decay-in-storage or returned to the radiopharmacy. The new nuclear medicine area was as described by information provided to the NRC by the licensee.

Performance Observations

The inspector observed two diagnostic administrations of licensed material, including dose preparation and disposal, and the inspector noted no concerns with the procedures. Licensee personnel demonstrated package receipt surveys, survey meter and well counter QC, and dose calibrator constancy, and described daily contamination surveys. The inspector found no concerns with these activities. Interviews with licensee staff indicated sufficient knowledge of radiation safety procedures. Radiation surveys indicated radiation levels consistent with licensee survey records and postings.

The inspector closed two violations from the previous inspection concerning accuracy and geometry testing for the dose calibrator. Both tests had been performed at the required frequency since the last inspection, and the tests had been performed upon reinstallation of the dose calibrator in the new nuclear medicine area before any patients were treated in that area.