NRC FORM 591M PART 1
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Cardiovascular Associates of Southern Indiana, PSC 2109 Green Valley Road New Albany, Indiana 47150 REPORT 2007-001	REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-35843	13-32350-01	August 10, 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		8/10/07

NRC FORM 591M PART 3
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Cardiovascular Associates of Southern Indiana REPORT NUMBER(S) 2007-001	**Region III**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-35843	13-32350-01	August 10, 2007

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87130	03.01 - 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02201	5	Srinivasarao Manchikalapudi, M.D., RSO	812-948-2232

[X] Main Office Inspection — Next Inspection Date: **August 2012**

[ ] Field Office _____

[ ] Temporary Job Site _____

PROGRAM SCOPE

The licensee was a cardiology clinic located in New Albany, Indiana, that saw patients primarily from the local county and surrounding areas. Licensee had authorization to use byproduct materials under 10 CFR 35.100 and 35.200. Licensed activities were conducted only at the location indicated on the license.

The nuclear medicine department was staffed with two full-time nuclear medicine technologists. The technologists typically administered 300 diagnostic doses monthly. Three part-time assistants help with imaging, but do not handle licensed material. Doses were exclusively technetium-99m for cardiac rest and stress tests, and occasional MUGA scans. All doses were received as unit doses from a licensed radiopharmacy. All waste was either held for decay-in-storage (DIS) or returned to the radiopharmacy.

Performance Observations

The inspector observed three administrations of licensed material, including dose preparation, administration, and disposal, as well as dose calibrator constancy tests, and the inspector identified no issues with these activities. Licensee personnel demonstrated survey meter QC and package receipt surveys, as well as daily and weekly contamination surveys. The inspector noted no concerns with these activities. Interviews with licensee staff indicated adequate knowledge of radiation safety concepts and procedures. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.