

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED: The Heart Group 415 W. Columbia Street Evansville, Indiana 47710 REPORT NUMBER(S): 2011-001</p>	<p>2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532</p>
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<p>3. DOCKET NUMBER(S) 030-29219</p>	<p>4. LICENSEE NUMBER(S) 13-24706-01</p>	<p>5. DATE(S) OF INSPECTION March 23, 2011</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, NUREG-1600, 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

**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	Geoffrey M. Warren		3/23/11
Branch Chief	Tamara E. Bloomer		4/4/11

*Docket File Information*  
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6. INSPECTION PROCEDURES 87130		7. INSPECTION FOCUS AREAS 03.01 – 03.08	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 02121	2. PRIORITY 5	3. LICENSEE CONTACT J. Michael Neahring, M.D., RSO	4. TELEPHONE NUMBER 812-464-0542
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Main Office Inspection Next Inspection Date: March 2016  
 Field Office Inspection \_\_\_\_\_  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee operated two nuclear cardiology clinics in Evansville and Newburgh, Indiana, with authorization to use byproduct materials in Sections 35.100 and 35.200. Licensed activities were conducted only at the locations indicated on the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist at each clinic; these technologists rotated through these locations and the clinic in Henderson, Kentucky, when needed for coverage. The licensee's nuclear medicine staff typically administered 200 diagnostic cardiac doses monthly at the main facility, including technetium-99m and thallium-201 when needed. The department received unit doses as needed from a licensed nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy.

**Performance Observations**

The inspector observed four diagnostic administrations of licensed material, including dose preparation and disposal, as well as package receipt. Licensee personnel demonstrated survey meter and wipe counter QC, and dose calibrator constancy, and described daily and weekly contamination surveys. The inspector noted no concerns with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.