

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

|   |   |   |  |
|---|---|---|--|
| 1. LICENSEE/LOCATION INSPECTED:<br><b>Branson Heart Center<br/>1150 State Highway 248<br/>Branson, MO 65616</b> |   | 2. NRC/REGIONAL OFFICE<br><b>U.S. Nuclear Regulatory Commission<br/>Region III<br/>2443 Warrenville Road<br/>Suite 210<br/>Lisle, Illinois 60532-4351</b> |  |
| REPORT NUMBER(S)<br><b>2010-01</b>  |   |   |  |
| 3. DOCKET NUMBER(S)<br><b>030-34876</b>   | 4. LICENSEE NUMBER(S)<br><b>24-32116-01</b> | 5. DATE(S) OF INSPECTION<br><b>April 21, 2010</b>   |  |

**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:

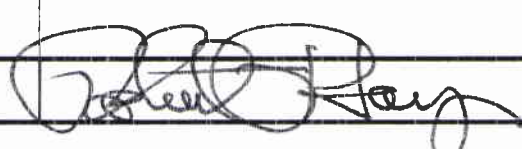
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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             | <b>Robert P. Hays</b> |  | <b>4/21/10</b> |

*RP*

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

|   |  |  |  |
|---|--|--|--|
| 1. LICENSEE<br><b>Branson Heart Center</b><br>REPORT NUMBER(S) <b>2010-01</b> |  | 2. NRC/REGIONAL OFFICE<br><b>Region III</b><br><b>2443 Warrenville Road, Suite 210</b><br><b>Lisle, IL 60532</b> |  |
| 3. DOCKET NUMBER(S)<br><b>03034876</b>  | 4. LICENSE NUMBER(S)<br><b>24-32116-01</b> | 5. DATE(S) OF INSPECTION<br><b>April 21, 2010</b>  |  |
| 6. INSPECTION PROCEDURES USED<br><b>87124 (11/25/03)</b>                      |  | 7. INSPECTION FOCUS AREAS<br><b>03.01-03.07</b>  |  |

**SUPPLEMENTAL INSPECTION INFORMATION**

|                                    |                         |  |  |
|------------------------------------|-------------------------|--|--|
| 1. PROGRAM CODE(S)<br><b>02201</b> | 2. PRIORITY<br><b>5</b> | 3. LICENSEE CONTACT<br><b>S. Bhargava, M.D., RSO</b> | 4. TELEPHONE NUMBER<br><b>417-336-4112</b> |
|------------------------------------|-------------------------|--|--|

Main Office Inspection      Next Inspection Date: **April 2015**

Field Office

Temporary Job Site Inspection      **Charles Hillis, NMT**

**PROGRAM SCOPE**

The licensee was a cardiac clinic authorized by the license to use any byproduct material as needed for any imaging and localization study permitted by 10 CFR 35.200 at the location specified on the license. The nuclear medicine department was staffed with one nuclear medicine technologist (NMT) who routinely conducted an average of 5-6 patient studies, normally both rest and stress tests, each weekday. The licensee received unit doses as ordered from a Springfield, MO nuclear pharmacy. All waste was held for decay-in-storage (DIS) or returned to the nuclear pharmacy as a limited quantity shipment. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

**Performance Observations**

During the inspection, the licensee's NMT demonstrated/discussed: (1) package check-in procedures and wipe test counting; (2) dosimetry (<10% of Part 20 limits); (3) dose calibrator tests; (4) unit dose handling procedures; (5) security of licensed material; (6) radiation safety program audits; (7) rad waste procedures; (8) sealed source inventory and leak tests; and (9) any contamination events (none).