

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: <i>Bedford Regional Medical Cntr. 2900 W. 16th St. Bedford, IN 47421</i> | | 2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351 | |
| REPORT NUMBER(S) <i>2008-001</i> | | | |

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| 3. DOCKET NUMBER(S) <i>030-08108</i> | 4. LICENSEE NUMBER(S) <i>13-14823-01</i> | 5. DATE(S) OF INSPECTION <i>7/23/08</i> |
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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:

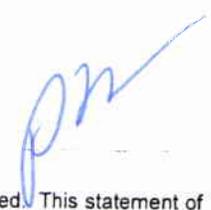
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

Non-Cited Violation(s) 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.

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| Title | Printed Name | Signature | Date |
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| LICENSEE'S REPRESENTATIVE | | | |
| NRC INSPECTOR | <i>Ken Lambert</i> | <i>Ken Lambert</i> | <i>7/23/08</i> |

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| 1. LICENSEE Bedford Regional Medical Center REPORT NUMBER(S) 2008-001 | | 2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532 | |
| 3. DOCKET NUMBER(S) 030-08108 | 4. LICENSE NUMBER(S) 13-14823-01 | 5. DATE(S) OF INSPECTION July 23, 2008 | |
| 6. INSPECTION PROCEDURES USED 87131 | 7. INSPECTION FOCUS AREAS 03.01 – 03.08 | | |

SUPPLEMENTAL INSPECTION INFORMATION

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| 1. PROGRAM CODE(S) 2120 | 2. PRIORITY 3 | 3. LICENSEE CONTACT Richard Stewart, CNMT/RSO | 4. TELEPHONE NUMBER 812/275-1367 |
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| <input checked="" type="checkbox"/> Main Office Inspection | Next Inspection Date: July 2011 |
| <input type="checkbox"/> Field Office | |
| <input type="checkbox"/> Temporary Job Site Inspection | |

PROGRAM SCOPE

The licensee was a 50 bed hospital located in Bedford, Indiana, which served the city and surrounding area. The licensee performed activities under 35.100, 35.200 and 35.300. The nuclear medicine department was staffed with one full time technologist who was also the radiation safety officer. The licensee performed approximately 60 studies per month using primarily technetium-99m, with 50 percent cardiac, 20 percent gallbladder, and 15 percent bone. The licensee also performed two to five I-131 whole body scans per year using 2-5 millicuries of I-131 per study. In addition the licensee performs approximately two I-131 hyperthyroidism therapies per year. The licensee does not perform thyroid ablations. The licensee contracts with a consultant who performs quarterly audits of the radiation safety program.

Performance Observations

Interviews conducted with the technologist revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, package receipt surveys, daily surveys, waste handling and disposal and injection technique were successfully described or observed.

Licensed material was observed adequately secured within the hot lab during the inspection and was not readily accessible to members of the general public.

The licensee exchanges personal dosimetry quarterly with a NVLAP approved vendor. Records reviewed indicated the maximum exposures for 2006 of 262 millirem (mrem) whole body and 1920 mrem extremity. Dosimetry records for 2007 indicated the maximum dose received at 282 mrem whole body and 1160 mrem extremity. For 2008 through June 20, the maximum exposures were 59 mrem whole body and 473 mrem extremity.

Independent measurements taken in the hot-lab area, imaging area, and unrestricted areas were indistinguishable from background (0.02mr/hr).