

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<b>1. LICENSEE/LOCATION INSPECTED:</b>  <b>Major Hospital</b> <b>150 West Washington Street</b> <b>P. O. Box 10</b> <b>Shelbyville, IN 46176</b> <b>REPORT NUMBER(S) 2011-01</b>	<b>2. NRC/REGIONAL OFFICE</b>  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III</b> <b>2443 Warrenville Road, Suite 210</b> <b>Lisle, Illinois 60532-4351</b>	
<b>3. DOCKET NUMBER(S)</b> <b>030-08191</b>	<b>4. LICENSEE NUMBER(S)</b> <b>13-14877-01</b>	<b>5. DATE(S) OF INSPECTION</b> <b>March 22 2011</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:

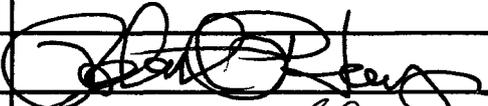
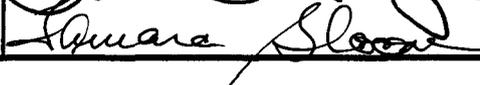
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is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

\_\_\_\_\_ Non-cited violation(s) 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	Robert P. Hays		3/22/11
Branch Chief	Tamara E. Bloomer		4/11/11

NRC FORM 591 M PART 3 (06-2010) 10 CFR 2.201	U.S. NUCLEAR REGULATORY COMMISSION  <i>Docket File Information</i> <b>SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION</b>
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6. INSPECTION PROCEDURES <b>87131 (10/24/02)</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>	

SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM <b>2120</b>	2. PRIORITY <b>3</b>	3. LICENSEE CONTACT <b>T. Montgomery, MD, RSO</b>	4. TELEPHONE NUMBER <b>317-392-5069</b>

**Main Office Inspection**
Next Inspection Date: March 2014

**Field Office Inspection** \_\_\_\_\_

**Temporary Job Site Inspection** \_\_\_\_\_

**PROGRAM SCOPE**

The licensee was a small medical institution located in Shelbyville, Indiana, and authorized by the license to use any byproduct material as needed, for any byproduct material permitted by 10 CFR 35.100, 35.200 and 35.300, at the location specified on the license.

The nuclear medicine department was staffed with two nuclear medicine technologists (NMT). The NMTs administered an average of 6-8 diagnostic studies, per day with the majority being cardiac studies using myoview. Iodine 123 is used for uptake studies an average 1-2 per cases per week. Iodine 131 dosages have been administered since the previous inspection. The nuclear medicine department received unit doses and bulk pertechnetate from an Indianapolis nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. No change in NMTs or RSO since the previous inspection. 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 available NMT, Cristy Denk, demonstrated/discussed:

(1) survey meter use and calibrations; (2) package check-in procedures; (3) dosage prep; (4) wipe test counting; (5) waste handling; (6) sealed source inventories and leak tests; (7) routine security of licensed material; (8) dose calibrator tests; (9) quarterly radiation safety program audits; (10) written directives; (11) any contamination events (none since the previous inspection); and (12) dosimetry for CY 2010: 586mr-DDE; 2260mr-finger; and YTD 2011: 70mr-DDE; 250mr-finger