

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED: Bothwell Regional Health Center Sedalia, Missouri REPORT NUMBER(S) 2010-001</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) 030-10715</p>	<p>4. LICENSEE NUMBER(S) 24-16275-01</p>	<p>5. DATE(S) OF INSPECTION 12/2/2010 with review through 12/13/2010</p>
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LICENSEE:

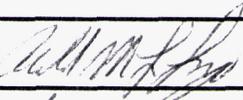
The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures 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	Michael LaFranzo		12/13/10
Branch Chief	Tamera E. Bloomer		12/13/10

NRC FORM 591 M PART 3
(06-2010)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information
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3. DOCKET NUMBER(S) 030-10715	4. LICENSE NUMBER(S) 24-16275-01	5. DATE(S) OF INSPECTION 12/2/2010 with review through 12/13/2010	
6. INSPECTION PROCEDURES 87130 and 87131	7. INSPECTION FOCUS AREAS 03.01 – 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2120	2. PRIORITY 3	3. LICENSEE CONTACT Dr. David Roehrs – RSO	4. TELEPHONE NUMBER 660-827-9530 ext 2
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Main Office Inspection Next Inspection Date: 12/2013
 Field Office Inspection _____ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was permitted to use byproduct material pursuant to 10 CFR 35.100, 35.200, 35.300 and 35.400. However, the licensee had not conducted licensed activities under 35.400 since the last inspection. The licensee had around 10-15 patients per day, most being diagnostic administrations of either heart or bone scans. The licensee administered approximately 1-2 cancer treatment doses of I-131 per year, and 20-30 doses of I-131 per year. The licensee did not possess material that could be used under 35.400 at the time of the inspection. The licensee's normal operations are Monday through Friday, 6am to 4pm with three full-time technicians. The licensee received unit doses and did not possess a moly-tech generator since the last inspection.

Observations and Findings

The inspector observed licensed activities as they related to the preparation of licensed material, storage of licensed material, demonstrations of radiological surveys and use of the dose calibrator; no regulatory issues were identified. The inspector interviewed licensee personnel and found they had adequate knowledge to ensure the safe use of licensed material. The inspector performed independent radiation measurements of areas where licensed material was used and did not identify any elevated radiation levels. The inspector made a comparison between NRC and licensee survey instrumentation and found radiation measurements were within +/-20% of one another. Within the next year, the licensee plans to move licensed operations within the same address complex. The Radiation Safety Officer (RSO) was aware of the requirements regarding amendments and performing radiological contamination surveys to ensure previous use areas being released for unrestricted use were performed. The inspection was extended because the RSO was not present during the site inspection and discussions were necessary to complete the inspection. The RSO was contacted via telephone on 12/13/2010.