

# SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  
Bothwell Regional Health Center  
Sedalia, Missouri

REPORT 2007-001

2. NRC/REGIONAL OFFICE  
REGION III  
US NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532

3. DOCKET NUMBER(S)  
030-10715

4. LICENSEE NUMBER(S)  
24-16275-01

5. DATE(S) OF INSPECTION  
4/5/07

### 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	Murk Hirshberg		4/5/07
NRC INSPECTOR	Michael M LaFranco		4/5/07

**Docket File Information  
SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**



1. LICENSEE <b>Bothwell Regional Health Center</b>		2. NRC/REGIONAL OFFICE <b>Region III</b>	
REPORT NUMBER(S) <b>2007-001</b>			
3. DOCKET NUMBER(S) <b>030-10715</b>	4. LICENSE NUMBER(S) <b>24-16275-01</b>	5. DATE(S) OF INSPECTION <b>April 5, 2007</b>	
6. INSPECTION PROCEDURES USED <b>87131</b>		7. INSPECTION FOCUS AREAS <b>3.1-3.7</b>	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>2120</b>	2. PRIORITY <b>3</b>	3. LICENSEE CONTACT <b>Dr. James Farkas - RSO</b>	4. TELEPHONE NUMBER <b>660-826-8833</b>
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Main Office Inspection      Next Inspection Date: **April 2010**

Field Office \_\_\_\_\_

Temporary Job Site \_\_\_\_\_

**PROGRAM SCOPE**

The licensee was authorized by the license to use byproduct material permitted by 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 5-15 patients per day, most being diagnostic administrations of either heart or bone scans. The licensee administers approximately one cancer treatment dose of I-131 (greater than 40 millicuries) per year, 1-3 doses of I-131 (less than 40 millicuries) per year. The licensee does not possess licensed material that could be used under 10 CFR 35.400. The licensee works Monday-Friday about 6am - 4pm with three full-time-employed technicians. The licensee receives only unit doses and has not received a moly-99 generator since the last inspection.

**Observations and Findings**

The inspector observed licensed activities as they relate to the preparation of licensed material, storage of licensed material and demonstrations of radiological surveys and use of the dose calibrator. The inspector did not identify any abnormal issues. The inspector interviewed licensee personnel and found they were knowledgeable regarding radiation safety practices to ensure compliance with NRC regulations. The inspector performed independent radiation measurements of areas where licensed material was used and did not identify any unexplained elevated radiation levels. The inspector made a comparison between NRC and licensee survey instrumentation and found that radiation measurements were within +/- 20% of one another.