

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Golden Valley Memorial Hospital 1600 North Second Street Clinton, Missouri 64735		2. NRC/REGIONAL OFFICE  REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532	
REPORT	2007-001		
3. DOCKET NUMBER(S) 030-11317	4. LICENSEE NUMBER(S) 24-16597-01	5. DATE(S) OF INSPECTION October 19, 2007	

**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	Geoffrey M. Warren		10/19/07

**Docket File Information**  
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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01 - 03.08		
<b>SUPPLEMENTAL INSPECTION INFORMATION</b>			
1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT James C. Clouse, M.D., RSO	4. TELEPHONE NUMBER 660-885-5511
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <b>Oct. 2010</b>	
<input type="checkbox"/> Field Office _____			
<input type="checkbox"/> Temporary Job Site _____			

**PROGRAM SCOPE**

The licensee was a 106-bed hospital located in Clinton, Missouri, which served the local and surrounding counties. Licensee had authorization to use byproduct materials under Sections 35.100, 35.200, 35.300, and 35.500. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with three full-time nuclear medicine technologists. The licensee's nuclear medicine staff typically administered 160 diagnostic doses monthly. Doses were primarily technetium-99m for cardiac, bone, and other studies, as well as xenon-133 for lung scans. Doses were received as unit doses from a licensed radiopharmacy or prepared from bulk technetium. Licensee performed approximately four iodine-131 treatments for hyperthyroidism annually and occasional treatments for thyroid cancer, with the iodine-131 in capsule form, as well as occasional therapies using samarium-153. All waste was held for decay-in-storage or returned to the radiopharmacy.

**Performance Observations**

The inspector was unable to observe any administration of licensed material. Licensee personnel demonstrated dose preparation, administration, and disposal, dose calibrator constancy tests, survey meter and wipe counter QC, package receipt and return surveys, and daily and weekly contamination surveys. The inspector found no concerns with these activities. The inspector reviewed written directives for iodine-131 and samarium-153 procedures, and found no issues. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.