

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Citizens Memorial Hospital  
1500 N. Oakland  
Bolivar, MO 65613

REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-35632

4. LICENSE NUMBER(S)

24-20330-01

5. DATE(S) OF INSPECTION

February 7, 2017

**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, 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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

**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	Navid Tehrani	<i>Navid Tehrani</i>	2/7/17
BRANCH CHIEF	Aaron McCraw	<i>AJW for ATM</i>	2/27/17

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  John Gamble III, M.D. -RSO	4. TELEPHONE NUMBER  (816) 807-8090
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Main Office Inspection      Next Inspection Date: 02/06/2022

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

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

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a 74 bed hospital that performed between 60 and 80 diagnostic nuclear medicine procedures per month. Two full-time nuclear medicine technologists performed all patient procedures. The licensee obtained unit doses of licensed material from an area nuclear pharmacy, and did not use xenon-I 33 or molybdenum/technetium generators. The licensee performed primarily cardiac, HIDA, bone, and thyroid scans. The licensee was not authorized to administer therapeutic doses of licensed material. The licensee also performs 50-60 PET scans each month.

**PERFORMANCE OBSERVATIONS**

The inspector observed two resting stress doses of technicium-99m being administered during the inspection. These observations as well as interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee successfully demonstrated dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures. An outside consultant performed quarterly program audits that were adequate to oversee the program.

Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed a radiation survey meter that was calibrated and operational. Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry badges were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits.

No violations of NRC requirements were identified during this inspection.