

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Jefferson City Memorial Group  
1241 West Stadium Boulevard  
Jefferson City, MO 65109

REPORT NUMBER(S) 2014-001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-34857

## 4. LICENSE NUMBER(S)

24-32132-01

## 5. DATE(S) OF INSPECTION

APRIL 2, 2014

## 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:

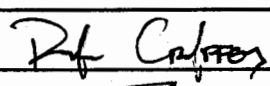
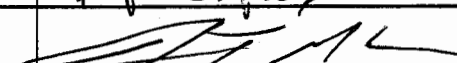
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		4/2/14
BRANCH CHIEF	Aaron McCraw		4/7/14

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

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April 2, 2014

## 6. INSPECTION PROCEDURES USED

87131

## 7. INSPECTION FOCUS AREAS

All

**SUPPLEMENTAL INSPECTION INFORMATION**

## 1. PROGRAM CODE(S)

02200

## 2. PRIORITY

3

## 3. LICENSEE CONTACT

Conrad Balcer, D.O. - RSO

## 4. TELEPHONE NUMBER

(573) 556-7774

☒ Main Office Inspection

Next Inspection Date: April 3, 2017

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine inspection of an outpatient medical clinic in Jefferson City, Missouri, with authorization to use byproduct material for diagnostic administrations under 10 CFR 35.100 and 35.200, and for therapeutic procedures under 35.300. The nuclear medicine lab, located in the cardiology department, has one full-time and two part-time nuclear medicine technologists on staff to perform approximately 120 diagnostic administrations per month, Mondays through Fridays. The lab also performed 28 therapeutic administrations in 2013, and four to date in 2014. The licensee conducts a variety of diagnostic procedures using unit doses of primarily Tc-99m and therapeutic administrations using I-131 in capsule form. The licensee retains the services of a medical physics consultant to perform quarterly audits, instrument calibrations, inventories and leak tests.

**PERFORMANCE OBSERVATIONS**

The inspector toured the nuclear medicine department to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector observed the preparation and administration of one biliary scan and one bone scan, both using Tc-99m. The inspector conducted independent surveys and found no exposures to members of the public distinguishable from background. The technologist on staff demonstrated implementation of procedures for package receipt, area surveys, spill response, and waste handling. Through these demonstrations and other discussions, the technologists on staff demonstrated adequate knowledge of radiation protection principles, licensee procedures and NRC requirements.

The inspector reviewed the licensee's procedures and documentation for the administration of radiopharmaceuticals requiring a written directive, and verified that they provided high confidence that the patient's identity was verified before each administration, and that each administration was in accordance with the written directive. The inspector also reviewed a selection of licensee records for instrument quality control, package receipt, dose administration, area surveys, decay-in-storage waste handling, sealed source inventory and leak testing, and quarterly audits of the radiation safety program.

No violations of NRC requirements were identified as a result of this inspection.