

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Ray County Memorial Hospital
904 Wollard Blvd.
Richmond, MO 64085

REPORT NUMBER(S) 14-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-14777

4. LICENSE NUMBER(S)

24-18279-01

5. DATE(S) OF INSPECTION

6 NOV 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	Zahid Sulaiman / Kenneth Lambert	Zahid Sulaiman Kenneth Lambert	11/6/2014 11/6/14
BRANCH CHIEF	Aaron T. McCraw	Aaron T. McCraw	11/28/14

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Ray County Memorial Hospital
904 Wollard Blvd.
Richmond, MO 64085

REPORT NUMBER(S) 14-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-14777

4. LICENSE NUMBER(S)

24-18279-01

5. DATE(S) OF INSPECTION

11/06/2014

6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Joseph Caresio, M.D., RSO

4. TELEPHONE NUMBER

(816) 470-5432



Main Office Inspection

Next Inspection Date: 11/06/2017



Field Office Inspection



Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection. This licensee was a small county hospital operated 20-beds with authorized under NRC license to use byproduct materials for medical uses permitted by 10 CFR 35.100, 35.200, and 35.300. The nuclear medicine department work hours are from 7 AM - 1 PM, Monday through Friday. The licensee utilizes medical contractor, clinishare Inc, to supply certified NMT. The nuclear medicine department was staffed with two nuclear medicine technologists (NMT) who performed approximately 40 diagnostic nuclear medicine procedures monthly. Doses were primarily Tc-99m for bone, cardiac, biliary, lungs (DPTA) and other studies. The licensee received unit doses from Cardinal Health, Kansas City, MO. In addition, the licensee performed one hyperthyroidism treatment (HTT) per year.

Performance Observations:

The inspectors: (1) observed NMT conduct physical inventory of sealed sources, and all of the selected sources were accounted for, (2) observed that licensed materials was secured, (3) observed how NMT does the dose calibrator constancy check, (4) The NMT demonstrated the dose calibrator constancy check, the radioactive material package receiving and check-in procedures, how the package was surveyed and wipe test was counted, (5) NMT demonstrated the end of the day daily and weekly area survey, (6) NMT demonstrated proper handling of radioactive waste for decay-in-storage, (7) reviewed annual radiation safety program audits and radiation safety committee meeting minutes, (8) reviewed records for survey instrument calibration, dose calibrator linearity, accuracy and geometry test, (9) reviewed 3 iodine-131 procedures and written directives showing that written directives were signed and dated by the authorized user, licensed material was administered as prescribed, dual independent verification of patient identity was done, and post administration assessment was done to verify that treatment was administered as prescribed, (10) observed an NMT demonstrate how she would respond to a radioactive material spill based on a scenario posed by the inspectors, (11) reviewed HAZMAT refresher training records, (12) reviewed dosimetry record showing the maximum annual doses to be 500 mrem - DDE, 1010 mrem - SDE, and (13) performed independent radiation measurements of the hot lab, imaging, and stress room areas which was consistent with licensee surveys result.

No violation of NRC regulatory requirements were identified during this inspection.