

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Perry County Memorial Hospital
434 Northwest Street
Perryville, MO 63775-1398

REPORT NUMBER(S) 2015001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-18404

4. LICENSE NUMBER(S)

24-17037-02

5. DATE(S) OF INSPECTION

August 3, 2015 with in-office
review thru August 10, 2015

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.

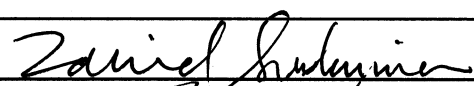
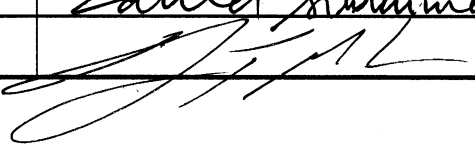
Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 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		8/11/13
BRANCH CHIEF	Aaron T. McCraw		8/11/15

Docket File Information

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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT John A. Merkle, MD, RSO	4. TELEPHONE NUMBER (573) 768-3293
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 08/03/2020 <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection Avery Behrle, Chief NMT			

PROGRAM SCOPE

This was a routine inspection of a 24-bed medical facility located in Perryville, Missouri, authorized under NRC license to use byproduct materials for medical uses permitted by 10 CFR 35.100 and 35.200. The nuclear medicine department's work hours were from 6:30 AM - 3 PM, Monday through Friday. The nuclear medicine department was staffed with one full-time and one part-time nuclear medicine technologists (NMT) who averaged ten diagnostic nuclear medicine procedures weekly. Doses were primarily technetium-99m for cardiac, bone scan, renal, lung scan, gastric intake, and other studies. The licensee received unit doses from a licensed radiopharmacy. All waste was either held for decay-in-storage (DIS) or returned to nuclear pharmacy. The in-office review included receipt and review of the licensee's DIS records, which could not be immediately retrieved during the onsite inspection due to a recent software upgrade.

Performance Observations:

The inspector observed the NMT conduct a physical inventory of sealed sources. All sources were accounted for. The NMT successfully demonstrated the dose calibrator constancy check, package receipt and check-in procedures, the end-of-day daily and weekly area surveys and wipes, and proper handling of radioactive waste and disposal procedures. The inspector reviewed the annual radiation safety program audits and dosimetry records for 2012, 2013, and 2014, indicating the maximum annual dose to be 64 mrem whole body, and 370 mrem extremity. The inspector performed independent radiation measurements of the hot lab, imaging, and stress room areas which were consistent with the licensee's survey results.

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