NRC FORM 591M PART 1
(10-2011)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Fitzgibbon Hospital 2305 South 65 Highway Marshall, MO 65340 REPORT NUMBER(S) 13-01	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-37530	24-32668-01	November 19, 2013

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 violations(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	Robert P. Hays		11/19/13
BRANCH CHIEF	Aaron T. McCraw		12/27/13

NRC FORM 591M PART 3
(10-2011)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Fitzgibbon Hospital 2305 South 65 Highway Marshall, MO 65340 REPORT NUMBER(S) 13-01	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-37530	24-32668-01	November 19, 2013

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

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02121	5	Mark Beanblossom, RSO	(636) 987-2100

☑ Main Office Inspection Next Inspection Date: 11/19/2018

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a medical institution authorized by the license to use any byproduct material as needed, for any study permitted by 10 CFR 35.100, 35.200, and in-vitro studies at the location specified on the license.

The nuclear medicine department was staffed with one full-time nuclear medicine technologist (NMT) and two part-time NMTs when needed. The licensee's NMT performs an average of 3-5 diagnostic scans Monday-Thursday and no iodine-131 administered for uptakes. In-vitro kits are used occasionally for blood tagging. Diagnostic studies were predominately technetium-99m cardiac and bone imaging. The department received daily unit doses as needed from a local area nuclear pharmacy. All waste was held for decay-in-storage.

Performance Observations

The licensee's NMT (Tyler VanSandt) demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) unit dosage prep and safe use; (4) wipe test counting; (5) waste handling; (6) sealed source inventories and leak tests; (7) routine security of licensed material; (8) dose calibrator tests; (9) safety program audits; (10) any contamination events (none since previous inspection); (11) HAZMAT refresher training (May 2011); (12) daily surveys and weekly wipe tests; and (13) dosimetry (bi-monthly exchange): < 100 mrem DDE and <250 mrem SDE for 2012; and < 50 mrem DDE and <150 mrem SDE for 2013 (thru August 2013).

The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.