

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

SSM St. Clare Health Center  
1015 Bowles Avenue  
Fenton, MO 63026

REPORT NUMBER(S)

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-02368

## 4. LICENSE NUMBER(S)

24-11858-01

## 5. DATE(S) OF INSPECTION

06/22/2015

## 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	Deborah Piskura/Edward Harvey	<i>Deborah Piskura / Edward Harvey</i>	6/22/15
BRANCH CHIEF	<i>Aaron T. McCann</i>	<i>[Signature]</i>	7/7/15

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  SSM St. Clare Health Center 1015 Bowles Avenue Fenton, MO 63026  REPORT NUMBER(S) 15-001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-02368	4. LICENSE NUMBER(S)  24-11858-01	5. DATE(S) OF INSPECTION  06/22/2015	
6. INSPECTION PROCEDURES USED  87130, 87131, & 87132	7. INSPECTION FOCUS AREAS  3.01-3.08		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  3	3. LICENSEE CONTACT  Mark Pohlman, Ph.D.	4. TELEPHONE NUMBER  (314) 966-1500
<input checked="" type="checkbox"/> Main Office Inspection      Next Inspection Date: 06/2018			
<input type="checkbox"/> Field Office Inspection _____			
<input type="checkbox"/> Temporary Job Site Inspection _____			

**PROGRAM SCOPE**

This was a routine inspection of a 250-bed community hospital with authorization to use byproduct material permitted under 10 CFR 35.100, 35.200, 35.300 and 35.400. The licensee's nuclear medicine department was staffed by 2 full-time and one part-time nuclear medicine technologists who administered approximately 250 diagnostic doses per month for cardiac, lung, and bone scans. The technologists had also conducted approximately twelve administrations of I-131 in capsule form per year. Patient procedures were performed on all business days and in an on-call capacity during weekends. The licensee obtained unit doses from a licensed pharmacy. Approximately twelve I-125 brachytherapy seed implants were performed annually in the radiation oncology department.

**PERFORMANCE OBSERVATIONS**

The inspectors observed the nuclear medicine technologist demonstrate package receipt and surveying procedures, daily dose calibrator constancy checks, daily surveys, and waste disposal procedures. The inspectors then confirmed the performance of these activities by reviewing the records since the previous inspection. Two administrations of Tc-99m MAA for lung scans were also observed during this inspection. The technologist demonstrated adequate knowledge of emergency procedures in the event of a spill, or contaminated package through interview with the inspectors. All material was adequately labeled and secured in the hot lab, which remained closed and locked when not under the surveillance of authorized personnel. The licensee contracted a physicist to perform quarterly program audits and equipment calibrations. These activities were confirmed by review of the physicist's reports.

The inspectors reviewed the written directives and supporting documentation for all of the I-131 administrations since the previous inspection. The administrations were completed in accordance with regulatory requirements and the licensee's procedures.

The inspectors reviewed post-treatment plans for a selection of I-125 seed implants with the lead medical physicist. All procedures appeared to have been completed as planned and in accordance with the regulatory requirements.

No violations were identified during this inspection.