

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Oakwood Hospital - Southshore
5450 Fort Street
Trenton, Michigan 48183

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-11427

4. LICENSE NUMBER(S)

21-16656-01

5. DATE(S) OF INSPECTION

July 23, 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:

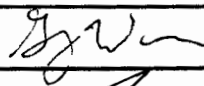
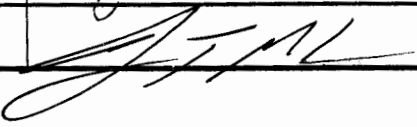
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Geoffrey M. Warren		7/23/15
BRANCH CHIEF	Aaron T. McCraw		7/30/15

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

1. LICENSEE/LOCATION INSPECTED:

Oakwood Hospital - Southshore
5450 Fort Street
Trenton, Michigan 48183

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-11427

4. LICENSE NUMBER(S)

21-16656-01

5. DATE(S) OF INSPECTION

July 23, 2015

6. INSPECTION PROCEDURES USED

87131, 87132

7. INSPECTION FOCUS AREAS

03.01 - 03.08; 03.01 - 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Michael Arseneault, D.O., RSO

4. TELEPHONE NUMBER

(734) 671-3800

☒ Main Office Inspection

Next Inspection Date: July 2018

☐ Field Office Inspection☐ Temporary Job Site Inspection**PROGRAM SCOPE**

This was a routine, unannounced, inspection. The licensee was a 200-bed hospital located in Trenton, Michigan, with authorization to use byproduct materials in Sections 35.100, 35.200, and 35.300, as well as iodine-125 and palladium-210 under 35.400. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with two full-time and two part-time nuclear medicine technologists. The staff typically administered 400 diagnostic doses and 1-2 iodine-131 therapy doses monthly, with iodine therapy doses in capsule form. The diagnostic procedures included a variety of imaging procedures. The department received unit doses and bulk technetium-99m daily from a licensed nuclear pharmacy. All waste was either held for decay-in-storage or returned to the radiopharmacy.

The radiation therapy department was staffed with one physician authorized user and one medical physicist who came to this facility from Oakwood Hospital in Dearborn to perform the procedures. At this facility, therapy personnel performed approximately five to ten prostate permanent implant procedures annually using iodine-125 and palladium-210 seeds. Records concerning the procedures were maintained in nuclear medicine.

Performance Observations: The inspector observed four diagnostic administrations of licensed materials. Licensee personnel demonstrated daily nuclear medicine checks, package receipt surveys and wipes, and daily and weekly contamination surveys, and described additional diagnostic and therapeutic procedures, emergency procedures, and other activities. The inspector noted no concerns with these procedures. The inspector reviewed written directives for radiopharmaceutical therapies and prostate implant procedures, and identified no concerns. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Dosimetry records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings. No violations were identified during this inspection.