

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Oakwood Southshore Medical Center
5450 Fort Street
Trenton, MI 48183

REPORT NUMBER(S) 2012-001

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

June 28, 2012

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 A. Piskura, Health Physicist	<i>Deborah A. Piskura</i>	6/28/12
BRANCH CHIEF	Hironori Peterson, Acting Chief, MIB	<i>Hironori Peterson</i>	7/7/12

Docket File Information

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6. INSPECTION PROCEDURES USED

87130, 87131, 87132

7. INSPECTION FOCUS AREAS

03-01- 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Michael Arsenault, D.O. RSO

4. TELEPHONE NUMBER

(734) 671-3800

☒ Main Office Inspection

Next Inspection Date: June 2015

☐ Field Office Inspection☐ Temporary Job Site Inspection

PROGRAM SCOPE

This licensee was a community hospital (200 beds) and authorized to use licensed material permitted by Sections 35.100, 35.200, 35.300, and Pd-103 & I-125 for permanent prostate implants. The nuclear medicine department was staffed with three full-time technologists who performed approximately 200+ diagnostic procedures monthly which included a full spectrum of studies. The licensee received unit doses and bulk Tc-99m from a licensed radiopharmacy. The licensee administered 3-5 I-131 treatments for hyperthyroidism and Graves Disease annually (capsule form only). The hospital retained the services of a consulting physicist who audited the radiation safety program on a quarterly basis (last 4/13/2012).

The licensee's radiation therapy activities were limited to permanent prostate implants using I-125 and Pd-103. The sources were received by the nuclear medicine department. The patient implants were performed by 1 authorized user supported by 1 medical physicist from the main hospital within the Oakwood Health System. The licensee administered approximately 20 permanent prostate implants each year.

This inspection consisted of interviews with select licensee personnel; a review of select records; a tour of the nuclear medicine department; and independent measurements. The inspector observed the administration of several diagnostic nuclear medicine procedures. The inspector reviewed the post-treatment plans for several implants with physics personnel. The inspection included observations of dose calibrator QA checks, security of byproduct material, use of personnel monitoring, package receipts and surveys. The inspector also reviewed the licensee's corrective actions for two violations identified during the last inspection. The licensee implemented corrective actions as described in its letter dated August 12, 2009. Therefore these violations are considered closed.