

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

McLaren Oakland  
5701 Bow Pointe Dr.  
Clarkston, MI 48346

REPORT NUMBER(S) 2019-001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-02041

## 4. LICENSE NUMBER(S)

21-04081-03

## 5. DATE(S) OF INSPECTION

2/14/19

## 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	Kevin G. Null	<i>K. A. Null</i>	2/14/19
BRANCH CHIEF	Aaron T. McCraw	<i>ATM</i> for ATM	2/26/19

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

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3. DOCKET NUMBER(S)  030-02041	4. LICENSE NUMBER(S)  21-04081-03	5. DATE(S) OF INSPECTION  February 14, 2019	
6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  All		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  3	3. LICENSEE CONTACT  Megan Ferer, CNMT	4. TELEPHONE NUMBER  (248) 620-0248
<input type="checkbox"/> Main Office Inspection      Next Inspection Date: 02/14/2022			
<input checked="" type="checkbox"/> Field Office Inspection    5701 Bow Pointe, Clarkson, MI			
<input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

This was a routine, unannounced inspection of McLaren Oakland's medical imaging clinic located at 5701 Bow Pointe Dr. in Clarkson, Michigan. This was one of two locations of use authorized on the license and was not inspected during the last inspection conducted in 2016. The licensee was authorized to use material described in 10 CFR 35.100, 200, and 300 at this address. The small, diagnostic nuclear medicine clinic was staffed by one part-time certified nuclear medicine technologist (CNMT) who performed only nuclear medicine imaging studies 1 - 3 days per week with unit doses received from a local radiopharmacy. No procedures using 35.300 had been conducted in several years. The nuclear medicine area included a hot lab, and imaging and cardiac stress rooms. The licensee's radiation safety officer was located at the licensee's main facility in Pontiac, Michigan. The licensee contracted with a medical physics consultant who conducted quarterly audits throughout the year. The last audit was performed in December 2018.

**Performance Observations**

The inspector observed the CNMT demonstrate how packages containing licensed material were visually checked for damage, and surveyed with a calibrated survey meter for radiation levels and removable contamination. The inspector also observed the CNMT perform a daily area survey for radiation levels, and the CNMT described how weekly surveys for removable contamination were conducted. The CNMT demonstrated daily QA of the dose calibrator and how the nuclear medicine area, including the hot lab, were secured during off-hours. The CNMT verified the possession of four sealed sources by conducting a physical inventory. The inspector observed the CNMT wear appropriate protective clothing and dosimetry while performing these activities. The inspector also noted that the licensee possessed syringe shields for patient injections.

The inspector reviewed records of personal dosimetry, area and radioactive material package surveys, and results of daily constancy dose calibrator QA. The inspector performed independent radiation level surveys of the hot lab, and imaging and cardiac stress rooms. Nothing above background a level of 0.02 - 0.05 mrem/hour was noted.

No violations of NRC requirements were identified.