

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Metro Health- University of Michigan Health
5900 Byron Center Ave. SW
Wyoming, MI 49519

REPORT NUMBER(S) 2018001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-02134

4. LICENSE NUMBER(S)

21-12829-01

5. DATE(S) OF INSPECTION

January 30, 2018

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:

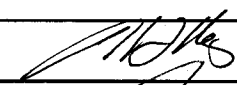
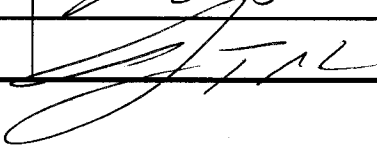
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Luis Nieves Folch		2/5/18
BRANCH CHIEF	Aaron T. McCraw		2/8/18

Docket File Information

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6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

03.01-03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

2240

2. PRIORITY

2

3. LICENSEE CONTACT

Michelle Van DeVelde- Cardio Lead

4. TELEPHONE NUMBER

(616) 252-5994

☒ Main Office Inspection

Next Inspection Date: August 30, 2022

☐ Field Office Inspection☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced, routine inspection of a hospital authorized by its NRC license to use unsealed byproduct material for diagnostic and therapeutic procedures under 10 CFR 35.100, 35.200, 35.300, 35.500 and 35.1000 (Y-90 micro-spheres) at its facility in Wyoming, Michigan. A local radiopharmacy delivered unit doses to the hospital for a variety of diagnostic procedures. The licensee performed proximately 35 nuclear medicine procedures and 30 stress/rest tests per week. The clinic employed four full-time nuclear medicine technologists who staffed the departments and two hot labs from Monday to Friday and on call on weekends. The licensee performed three I-131 therapies per year, as well as one Xofigo patient (6 administrations) and two Y-90 microspheres procedures since they added it to their license. The licensee retained the services of a medical physics consultant to perform instrument calibrations, leak tests, and quarterly audits of the radiation safety program. The Greenville location is only staffed when there is demand for it, usually once a week.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine laboratory and observed the nuclear medicine technologist demonstrate package receipt surveys and instrument quality control checks. The inspector observed the preparation and administration of two heart stress scans. The inspector performed independent surveys of the hot lab and other areas of the nuclear medicine department and found no contamination or exposures to members of the public distinguishable from background. The nuclear medicine technologist demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed quarterly audit reports, spill reports, and documentation of package receipt, area surveys, instrument quality control, waste disposal, and employee training. The inspector also reviewed monthly dosimetry reports which indicated annual whole-body and extremity doses below regulatory limits.

No violations of NRC requirements were identified as a result of this inspection.

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Thursday, February 08, 2018 3:29 PM
To: 'Michelle.VanDeVelde@metrogr.org'
Subject: NRC Clear 591M
Attachments: image2018-02-08-162245.pdf

Dear Mrs. Van DeVelde,

Attach is the clear 591 report for the inspection conducted on January 30, 2018, no further actions are required at this moment on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
(630) 829-9571