NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Ferris State University Radiation Safety Office 200 Ferris Drive Big Rapids, Michigan 49307-2740 REPORT NUMBER(S) 2018001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-08783	21-15237-01	1/18/2018 and 1/30/2018

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 violations(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		2/7/18
BRANCH CHIEF	Aaron T. McCraw		2/7/18

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87124, 87130	03.01-03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
03620	5	Brad McCormick, RSO	(231) 591-2278

☑ Main Office Inspection Next Inspection Date: January 18, 2023

☑ Field Office Inspection 151 Fountain St NE, Grand Rapids, MI

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced, routine inspection of an academic institution in Big Rapids, Michigan, (main campus) and Grand Rapids, Michigan, (satellite campus) with an approximate enrollment of 14,000 students. The licensee used radioactive materials in its construction teaching program at the Bid Rapids campus and in its nuclear medicine teaching program at both the Big Rapids and Grand Rapids campuses. At the time of the inspection, the licensee possessed two Troxler Model 3440 portable moisture/density gauges in the construction teaching program. The licensee has not transported the gauges off site for use at temporary jobsites, despite being authorized on the license. The licensee primarily possessed sealed calibration sources for the nuclear medicine teaching program and occasionally received spent technetium-99m generators from a local radiopharmacy for teaching and demonstration purposes.

Performance Observations

The inspector toured the nuclear medicine teaching program at both campuses. The inspector interviewed authorized users in both campuses and found them knowledgeable of material handling and incident response (e.g., spills or damaged equipment) procedures. All materials were adequately secured. The inspector conducted independent surveys of the areas of materials use and storage and determined that radiation levels were well below regulatory limits. Dosimetry records revealed that badged personnel typically receive doses below the minimum detectable doses. The inspector interviewed the radiation safety officer and reviewed applicable documentation regarding radioactive material procurements, semi-annual inventories, leak tests, and general oversight of the radiation protection program.

At the time of the inspection the individual in charge of the gauges was not available and the RSO did not have access to the gauges. The inspector reviewed leak test and inventories for the gauges.

No violations of NRC requirements were identified during this inspection.

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Wednesday, February 07, 2018 10:50 AM
To: 'bradmccormick@ferris.edu'
Subject: NRC Report Clear 591 M
Attachments: image2018-02-07-113436.pdf

Dear Mr. McCormick,

Attach is the clear 591 report for the inspection conducted on January 18, 2018, thru 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