

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Ferris State University Radiation Safety Office 200 Ferris Drive Big Rapids, Michigan 49307-2740 REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-08783	4. LICENSE NUMBER(S) 21-15237-01	5. DATE(S) OF INSPECTION 1/18/2018 and 1/30/2018
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6. INSPECTION PROCEDURES USED 87124, 87130	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

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