

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Ferris State University Environmental Health and Safety Office 111 W. Knollview Drive Big Rapids, MI 49307-2742 REPORT NUMBER(S) 2012001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-08783	4. LICENSE NUMBER(S) 21-15237-01	5. DATE(S) OF INSPECTION August 20-21, 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:

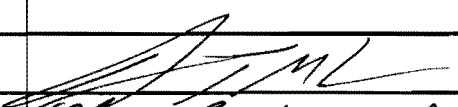

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Aaron T. McCraw		8/27/12
BRANCH CHIEF	Tamara E. Bloomer		8/29/12

Docket File Information

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6. INSPECTION PROCEDURES USED IP 87124, 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.07, 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: 08/21/2017

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

Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a state university with locations in Big Rapids, Michigan, (main campus) and Grand Rapids, Michigan, (satellite campus) with an approximate enrollment of 15,000 students and approximate employment of 500 faculty and staff. 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 all of the facilities where radioactive materials were used at both campuses. The inspector interviewed authorized users in both teaching programs 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, annual audits, semi-annual inventories, leak tests, and general oversight of the radiation protection program.

No violations were identified during this inspection.

