

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>The Curators of the University of Missouri Missouri University of Science and Technology 108 Campus Support Facility 120 N. State St., Rolla, MO 65409-0110</p> <p>REPORT NUMBER(S) 2017001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-32692</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-00513-40</p>	<p>5. DATE(S) OF INSPECTION</p> <p>August 31, 2017</p>

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.

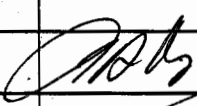
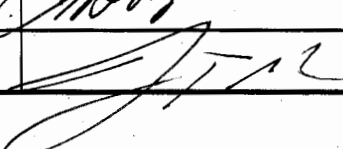
3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

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		8/31/17
BRANCH CHIEF	Aaron T. McCraw		9/29/17

Docket File Information

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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03610	2. PRIORITY 3	3. LICENSEE CONTACT Michelle Bresnahan - RSO	4. TELEPHONE NUMBER (573) 341-4305
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Main Office Inspection Next Inspection Date: August 31, 2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of an academic institution in Rolla, Missouri. The licensee's program is run by the RSO, a health physicist and two part-time students. The licensee has 13 authorized users and 21 labs that used radioactive material at the time of the inspection. The licensee used: (1) microcurie quantities of cesium-137 and cobalt-60 sealed sources for research and development (R&D) and education; (2) 100 millicuries sealed source of cesium-137 used to calibrate equipment; (3) microcurie quantities of hydrogen-3 for R&D; and (4) a sodium-22 source containing millicurie quantities for positron research. In addition the licensee possessed uranium slugs and a plutonium/beryllium source for its sub-critical assembly (SCA) that had been used since the last inspection for R&D. No animal studies have been conducted since the last inspection.

Performance Observations

The licensee was not using any materials at the time of the inspection. The inspector toured three of the labs with the RSO to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The RSO described inventory, training, package receipt and materials tracking, and laboratory use of materials. The inspector performed independent surveys of the labs and other areas and found no contamination or exposures to members of the public distinguishable from background. The inspector reviewed the licensee's records dosimetry, leak test, surveys, annual audits, inventories, and package receipt. The licensee possessed several survey meters that were operational and performed well in side-by-side comparison with an NRC survey meter.

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