

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Lincoln University of Missouri
820 Chestnut Street
Jefferson City, MO 65101

REPORT NUMBER(S) 2014-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-10534

4. LICENSE NUMBER(S)

24-16097-01

5. DATE(S) OF INSPECTION

April 2, 2014

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:

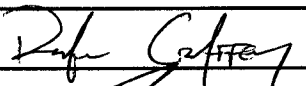

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		4/10/14
BRANCH CHIEF	Aaron McCraw		4/11/14

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Lincoln University of Missouri 820 Chestnut Street Jefferson City, MO 65101 REPORT NUMBER(S) 2014-001	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) 030-10534	4. LICENSE NUMBER(S) 24-16097-01	5. DATE(S) OF INSPECTION April 2, 2014
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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT Tumen Wuliji, Ph.D. - RSO	4. TELEPHONE NUMBER (573) 681-5377
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: April 2019
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

This was a routine inspection of a 3,000-student public university in Jefferson City, Missouri, with authorization to use non-volatile forms of I-125, P-32 and S-35 for in-vitro research and development. The RSO and the Hazardous Materials Compliance Officer (HMCO), who works in 207 Schweich Hall, were primarily responsible for the implementation of the radiation safety program. The only authorized user at the time of the inspection was the RSO. The licensee had not conducted any principal activities under the license since March 2008. Although the licensee had made one purchase of radioactive material in March 2013, that material was never used and has remained in secure storage. The licensee still performed semiannual physical inventories, annual audits of the radiation safety program, and contamination surveys at the frequencies suggested in NUREG-1556 Volume 7.

The licensee previously made the notification required by 10 CFR 30.36(d) regarding the lack of principal activities, but has not yet modified or terminated its license. The RSO intends reapply for the grant that the March 2013 purchase of licensed material was intended to support, and would like to maintain the license in the event that other researchers wish to use licensed material. The licensee stated that it would contact MLB to discuss its options.

PERFORMANCE OBSERVATIONS

The inspector toured the licensee's three restricted areas (two laboratories and the radioactive materials storage room) to evaluate measures for material security, hazard communication and exposure control. Independent surveys found no readings that would indicate residual contamination or exposures to members of the public. The HMCO demonstrated implementation of licensee procedures for waste handling, and for area surveys using instruments that the inspector found to be adequate for the task. Through these demonstrations and other discussions, the RSO and HMCO demonstrated adequate knowledge of radiation protection principles and licensee procedures.

The inspector reviewed a selection of licensee records for physical inventories, area surveys, material receipt, survey meter calibrations and annual audits.

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