

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Earlham College
801 National Road West
Richmond, IN 47374-4095

REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-00699

4. LICENSE NUMBER(S)

13-05737-01

5. DATE(S) OF INSPECTION

April 28-May 10, 2016

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:

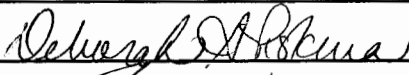

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Deborah A. Piskura, Senior Health Physicist		5/10/16
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB		5/10/16

Docket File Information

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6. INSPECTION PROCEDURES USED

87126

7. INSPECTION FOCUS AREAS

03.01 - 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

22110

2. PRIORITY

3

3. LICENSEE CONTACT

John A. Howell, Ph.D., RSO

4. TELEPHONE NUMBER

(765) 983-1670



Main Office Inspection

Next Inspection Date: 05/10/2021



Field Office Inspection



Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection of a private academic institution authorized to possess and use various sealed sources for student instruction. The licensee used its sources during the Fall Semester for a physics lab course. All use of these sources was performed under the direct and personal supervision of the physics/chemistry faculty staff. At the time of this inspection, three individuals served as authorized users. The licensee implemented new instructional methods to duplicate experiments using the radioactive sources. The licensee is exploring options for transfer and disposal of its sources and termination of its NRC license.

This inspection consisted of interviews with licensee personnel, a review of selected, a tour of the physics department, and independent measurements. The inspector examined the sealed sources in the licensee's possession. The inspector noted that each source and container had a clearly visible label identifying the radionuclide and source activity. All licensed material was secured within the dedicated storage enclosure. The licensee performed inventories and leak tests of the sealed sources and documented the results. The inspector observed that the licensee posted a copy of NRC Form 3. The inspector also observed that the areas where licensed material was used and stored were appropriately posted with "CAUTION-RADIOACTIVE MATERIALS" signs. This inspection included in office review through May 9, 2016, in order to review documentation that was not readily available during the on site inspection.

No violations of NRC requirements were identified during this inspection.