

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| <p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Wabash College 301 West Wabash Avenue Crawfordsville, IN 47933</p> <p>REPORT NUMBER(S) 2015-001</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>030-14430</p> | <p>4. LICENSE NUMBER(S)</p> <p>13-07419-02</p> | <p>5. DATE(S) OF INSPECTION</p> <p>April 3, 2015</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:


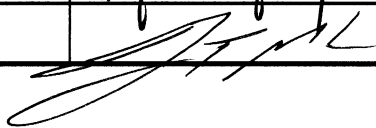
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed. **12 030-14430/10-01(DNMS)**
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and 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 |  | 4/7/15 |
| BRANCH CHIEF | Aaron McCraw |  | 4/8/15 |

Docket File Information

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| 6. INSPECTION PROCEDURES USED 87126 | 7. INSPECTION FOCUS AREAS All |
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SUPPLEMENTAL INSPECTION INFORMATION

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|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S) 03620 | 2. PRIORITY 5 | 3. LICENSEE CONTACT James Brown, PhD - RSO | 4. TELEPHONE NUMBER (765) 361-6282 |
|---------------------------------|----------------------|---|---|

Main Office Inspection Next Inspection Date: April 2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of 900-student liberal arts college in Crawfordsville, Indiana, authorized to use byproduct material for laboratory experiments, student instruction and instrument calibration. At the time of the inspection, one authorized user was considered active, though he had not used any byproduct material for laboratory experiments or student instruction in several years. The authorized user maintained oversight of the remaining unsealed byproduct material in storage, and for performing annual instrument calibrations using a licensed Am-241 source. The RSO, whose office was located at 308 Goodrich Hall, collected quarterly area surveys for analysis by a service provider, and performed semiannual inventories of all sources and devices on-campus. The RSO's assistant (309 Goodrich Hall) maintained responsibility for the college's monthly safety committee, where radiation safety was reviewed once a quarter.

PERFORMANCE OBSERVATIONS

The inspector toured the licensee's facilities to evaluate measures for materials security, hazard communication and exposure control. The inspector conducted independent surveys in and around areas where licensed material was stored, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The licensee's staff demonstrated and discussed implementation of procedures for receipt of packages containing radioactive material, area surveys, training and physical inventories, the most recent of which the inspector found to match the licensee's current possession. The inspector also reviewed a selection of related records, including safety committee meeting minutes, survey results, physical inventories, dosimetry records and instrument calibration documentation.

The licensee was previously cited in IR 030-14430/10-01(DNMS) for violations relating to authorized user approval by the safety committee, area surveys, and physical inventories. The inspectors reviewed the licensee's corrective actions, which appeared to be adequate, and found the violations to be non-recurring. Therefore the NRC considers these violations to be closed.

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