

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Central Michigan University  
Office of Research and Graduate Studies  
Mt. Pleasant, MI 48859

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)

030-00811

4. LICENSE NUMBER(S)

21-01432-02

5. DATE(S) OF INSPECTION

05/04/2016

**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:

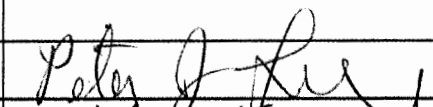
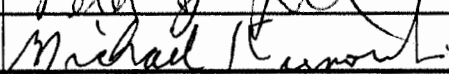
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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 | Jennifer Walton, Ph.D., CIH |  |        |
| NRC INSPECTOR             | Peter J. Lee, Ph.D., CHP    |  | 5-9-16 |
| BRANCH CHIEF              | Michael Kunowski            |  | 5-9-16 |

**Docket File Information**

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|--|---|--|
| 3. DOCKET NUMBER(S)<br><br>030-00811       | 4. LICENSE NUMBER(S)<br><br>21-01432-02             | 5. DATE(S) OF INSPECTION<br><br>05/04/2016 |
| 6. INSPECTION PROCEDURES USED<br><br>87104 | 7. INSPECTION FOCUS AREAS<br><br>10 CFR 30.36(d)(4) |  |

**SUPPLEMENTAL INSPECTION INFORMATION**

|                    |             |  |   |
|--------------------|-------------|--|---|
| 1. PROGRAM CODE(S) | 2. PRIORITY | 3. LICENSEE CONTACT<br><br>Dr. Jennifer Walton | 4. TELEPHONE NUMBER<br><br>(989) 774-6777 |
|--------------------|-------------|--|---|

☒ Main Office Inspection      Next Inspection Date: \_\_\_\_\_

☐ Field Office Inspection \_\_\_\_\_

☐ Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee notified NRC on February 8, 2016 that no principal activities had taken place at Brooks Hall since July 2006. The licensee currently contracts with Chase to conduct the decommissioning activity to ensure Brooks Hall will meet the unrestricted release criteria.

**Performance Observations**

During the inspection, the inspector conducted the following activities:

1. Review of the close-out surveys prior to July 2006.
2. Review of historical use of licensed materials.
3. Review of current close-out surveys.
4. Performing the confirmatory surveys at selected former laboratories.
5. Evaluation of LSC used for analyses of wipe samples.

Based on the inspection, the inspector determined that no person could have received the dose exceeding the 25 mrem per year from the Brooks Hall. The notification requirement stated in 30.36 (d)(4) is based on residual contamination resulting in a dose to the general public exceeding 25 mrem per year.

The licensee and Chase will submit the work plan in coming months to demonstrate the residual contamination in the building surface areas, ventilation system, vacuum system, and drainage system, will all result in the unrestricted release of Brooks Hall.

No violations of NRC requirements were identified.