

133

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: University of Detroit Mercy P. O. Box 19900 Detroit, MI 48219 REPORT NUMBER(S) | 2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351 |
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|-----------------------------------------|---------------------------------------------|--------------------------------------------------|
| 3. DOCKET NUMBER(S) 030-14288 | 4. LICENSEE NUMBER(S) 21-00241-09 | 5. DATE(S) OF INSPECTION April 2, 2008 |
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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:

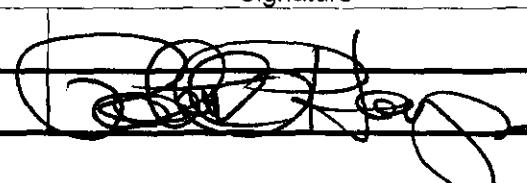
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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 | Robert P. Hays |  | 4/2/08 |

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

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| 1. LICENSEE University of Detroit Mercy REPORT NUMBER(S) 2008-001 | | 2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532 | |
| 3. DOCKET NUMBER(S) 030-14288 | 4. LICENSE NUMBER(S) 21-00241-09 | 5. DATE(S) OF INSPECTION April 2, 2008 | |
| 6. INSPECTION PROCEDURES USED 87126 (9/28/2005)) | 7. INSPECTION FOCUS AREAS 03.01-03.07 | | |

SUPPLEMENTAL INSPECTION INFORMATION

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|------------------------------------|-------------------------|--------------------------------------------------------|--------------------------------------------|
| 1. PROGRAM CODE(S) 03620 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Dr. Michael Gleason, RSO | 4. TELEPHONE NUMBER 313-446-1917 |
|------------------------------------|-------------------------|--------------------------------------------------------|--------------------------------------------|

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| <input type="checkbox"/> Main Office Inspection | Next Inspection Date: April 2013 |
| <input checked="" type="checkbox"/> Field Office 2700 M.L. King Drive, Rm# 422 (RSO's office) | |
| <input type="checkbox"/> Temporary Job Site Inspection 4001 West McNichols, Department of Chemistry (L.O.U.) | |

PROGRAM SCOPE

The licensee is an academic institution authorized to use for research and educational purposes, CHIPS and two additional isotopes, calcium-45 and rubidium-86. At the time of the inspection, the licensee had a total of 4 individuals approved as authorized users, with only one authorized user, Dr. Caspers, periodically using only tritium for student instruction.

Performance Observations

During the inspection, the licensee's AU demonstrated/discussed: (1) area surveys (2) removable contamination surveys; (3) package receipt, wipe tests, and handling procedures; (4) waste handling; (5) security and storage of licensed material; (6) authorized users; and (7) inventory of isotopes.