

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

University of Michigan  
1239 Kipke Drive  
Ann Arbor, MI 48109

REPORT NUMBER(S) 2008-001

## 2. NRC/REGIONAL OFFICE

Region III  
US Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, IL 60532-4351

## 3. DOCKET NUMBER(S)

070-00192

## 4. LICENSE NUMBER(S)

SNM-179

## 5. DATE(S) OF INSPECTION

3/10 - 13/08

## 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.

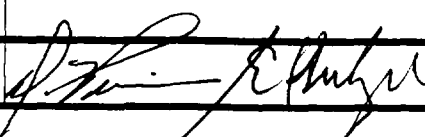
\_\_\_\_\_ non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. 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	Mark Driscoll, RSO		
NRC INSPECTOR	D. Wiedeman/E. Kulzer		3/13/08

SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION

1. LICENSEE University of Michigan REPORT NUMBER(S) 2008/001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 070-00197	4. LICENSE NUMBER(S) SNM-192	5. DATE(S) OF INSPECTION March 10-13, 2008	
6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 02.03 thru 02.11; 02.13 thru 02.14; 02.16 thru 02.19; and 02.21		

## SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 22120	2. PRIORITY 5	3. LICENSEE CONTACT Mark Driscoll	4. TELEPHONE NUMBER 734.647-2251
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 3/2013
<input type="checkbox"/> Field Office	
<input type="checkbox"/> Temporary Job Site Inspection	

## PROGRAM SCOPE

The facility is a large University with approximately 40,000 students located at the Ann Arbor, Michigan campus. The scope of this routine inspection focused on the use and storage of plutonium/beryllium sources. The licensee is authorized to possess the material under its NRC license for use as a neutron source for experiments and student instruction. At the time of this inspection all of the subject material was in storage except one Pu/Be source currently being used in the school of engineering. The inspectors also conducted an inspection of Increased Controls (IC) and followup to previous violations of ICs, see report 07000192/2008-02.

## PERFORMANCE OBSERVATIONS

The inspectors toured the area where the Pu/Be sources were stored. During the inspection, the inspectors: (1) verified adequate security of the subject material and its physical location; (2) observed authorized staff conduct a physical security check of the subject material and their storage containers; (3) observed the physical condition of the subject material and its storage container; (4) verified the accuracy of the Material Balance Report; (5) reviewed documentation regarding leak tests of the Pu/Be source that was in use, (6) conducted independent and confirmatory surveys; and (7) observed proper posting and labeling.

No violations of NRC requirements were identified.