

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>The Curators of the University of Missouri Missouri University of Science and Technology Rolla, MO</p> <p>REPORT NUMBER(S) 2008-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351</p>
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<p>3. DOCKET NUMBER(S) 030-32692</p>	<p>4. LICENSEE NUMBER(S) 24-00513-40</p>	<p>5. DATE(S) OF INSPECTION May 20, 2008</p>
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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)

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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	Deborah A. Piskura	<i>Deborah A. Piskura</i>	5/20/2008

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AND COMPLIANCE INSPECTION**

1. LICENSEE Univ. of MO-Rolla/ MO Univ. of Science & Tech REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-32692	4. LICENSE NUMBER(S) 24-00513-40	5. DATE(S) OF INSPECTION May 20, 2008	
6. INSPECTION PROCEDURES USED 87125	7. INSPECTION FOCUS AREAS 03.01 – 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03610	2. PRIORITY 3	3. LICENSEE CONTACT Ray Bono, RSO	4. TELEPHONE NUMBER 573-341-4305
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Main Office Inspection Next Inspection Date: May 2011

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The University of Missouri-Rolla, aka the Missouri University of Science and Technology operated a Type A broad scope R&D program at its Rolla, MO campus. The university was authorized for byproduct material with atomic nos. 3-83, a uranium sub critical light water assembly, a Pu-239 calibration source, and several sources for calibration/classroom exercises. The university also possessed several gas chromatographs and a static eliminator under the provisions of a general license.

The University's Radiation Safety Office was staffed with a dedicated, full-time RSO, one health physicist, one HP technician, as well as, secretarial and support members.

The licensee established a radiation safety committee to review and approved all uses, users and facilities. The RSC approved 19 authorized users working in 18 labs; 30 individuals work under the supervision of the authorized users. The majority of research projects involved H-3 or C-14. The licensee established a lab classification system (A, B, C, D) based on the IAEA classification system for hazard class of laboratories and quantities/materials used within. All of the licensee's labs were classified as either Class C or D (lower safety hazards). In January 2008, the licensee transferred a large portion of its sealed sources, and miscellaneous radwaste for disposal.

This inspection consisted of a tour of the radiation safety office, select research labs, and the radioactive waste storage area; a review of select records; interviews with licensee staff; and independent radiation measurements