

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

**University of Wisconsin-Milwaukee  
Radiation Safety Program  
P. O. Box 413  
Milwaukee, WI 53201**

REPORT NUMBER(S) **2011-01**

2. NRC/REGIONAL OFFICE

**U.S. Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4351**

3. DOCKET NUMBER(S)  
**030-01160**

4. LICENSEE NUMBER(S)  
**48-09944-01**

5. DATE(S) OF INSPECTION  
**June 30, 2011**

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:

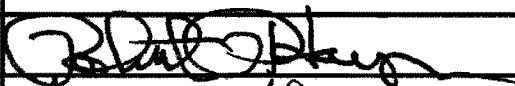

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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

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	Robert P. Hays		6/30/11
Branch Chief	Tamara E. Bloomer		8/1/11

NRC FORM 591 M PART 3 (06-2010) 10 CFR 2.201	U.S. NUCLEAR REGULATORY COMMISSION  <i>Docket File Information</i> <b>SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION</b>
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1. LICENSEE <b>University of Wisconsin-Milwaukee</b> P. O. Box 413 Milwaukee, WI 53201 REPORT NUMBER(S) <b>2011-01</b>	2. NRC/REGIONAL OFFICE <b>U.S. Nuclear Regulatory Commission</b> Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) <b>03001160</b>	4. LICENSE NUMBER(S) <b>48-09944-01</b>	5. DATE(S) OF INSPECTION <b>June 30, 2011</b>
6. INSPECTION PROCEDURES <b>87124 (11/25/03)</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM <b>01110</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Sharron Daly, RSO</b>	4. TELEPHONE NUMBER <b>414-229-4275</b>
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**Main Office Inspection**
Next Inspection Date: June 2016

**Field Office Inspection** \_\_\_\_\_

**Temporary Job Site Inspection** \_\_\_\_\_

**PROGRAM SCOPE**

The licensee is an agreement state academic institution authorized by their NRC license to use carbon-14, hydrogen-3, and phosphorus-33 at Lake Station, Yellowstone National Park, Wyoming, and carbon-14, hydrogen-3, phosphorus-32, iron-59, sulfur-35, magnesium-54, cesium-137, and/or Phosphorus-33, aboard the licensee's research vessels at temporary job sites of the licensee anywhere in the United States where the USNRC maintains jurisdiction, in unsealed form with limited specified quantities for research and development as defined in 10 CFR Part 30, Section 30.4 including training of students. A mobile laboratory which is transported from Milwaukee, WI to Yellowstone National Park is utilized to conduct research protocols. No licensed material or waste is left at Yellowstone Park. All licensed materials are returned with the mobile laboratory to the Milwaukee campus at the conclusion of the research project. The licensee also has a great lakes research ship that may use licensed material on board the vessel in the Wisconsin jurisdiction of the great lakes or occasionally, other jurisdictions of the great lakes where NRC regulates licensed material. At the time of the inspection, no licensed activities have been conducted under the license since July 2003.

**Performance Observations**

During the inspection, the licensee's RSO discussed radiation safety procedures which included: (1) radiation surveys and survey meter calibrations; (2) removable contamination surveys; (3) package receipt, wipe tests, and handling procedures; (4) transportation of packages; (5) waste handling; (6) dosimetry; (7) radiation safety program audits; (8) safe use practices; (9) security and storage of licensed materials; and (10) DOT Training and refresher training.