

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: <i>University of Notre Dame du Lac</i> <i>Notre Dame, IN</i> REPORT <i>2005-001</i>	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) <i>030-00694</i>	4. LICENSEE NUMBER(S) <i>13-01983-15</i>	5. DATE(S) OF INSPECTION <i>Nov. 17-18, 2005</i>
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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

- 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	Deborah A. Piskura	<i>DA Piskura</i>	11/18/05

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE University of Notre Dame du Lac REPORT 2005-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-00694	4. LICENSE NUMBER(S) 13-01983-15	5. DATE(S) OF INSPECTION Nov. 17-18, 2005	
6. INSPECTION PROCEDURES 87126	7. INSPECTION FOCUS AREAS 03.01, 03.02, 03.03, 03.04, 03.05, 03.06, 03.07, and 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 01100	2. PRIORITY F1A 3	3. LICENSEE CONTACT Robert Zerr, RSO	4. TELEPHONE NUMBER 574.631.5037
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<input checked="" type="checkbox"/> Main Office Inspection <input type="checkbox"/> Field <input type="checkbox"/> Temporary Job Site	Next Inspection Date: <u>November 2008</u>
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PROGRAM SCOPE

This licensee is a large university with an enrollment of approximately 11,000 students and 1,000 faculty members. The University operated a Type A broad scope program. 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 University established a radiation safety committee which reviewed and approved users, uses and facilities. Approximately 100 individuals were approved by the RSC as authorized users (Principal Researchers), however approximately 50 of these users were considered "active users" of licensed material. RAM was used for research and development, including animal studies as defined in Section 30.4 and for student teaching purposes in approximately 45-50 labs. The majority of the University's R&D use involved low quantities of CHIPS. The University also possessed numerous sealed sources, used for instrument calibration, for various research projects. In addition, the University possessed three cobalt-60 and one cesium-137 self-contained irradiator units used for sample irradiation experiments.

This inspection consisted of a tour of the radiation safety office, selected research labs (including a mid-level iodination lab), the irradiator rooms, and the radioactive waste storage areas, including the waste processing building; a review of selected records; interviews with licensee staff; and independent radiation measurements. This inspection, included a review of the "Task 8 Inspection package" The inspector observed the licensed facility and conducted a physical inventory of the subject material. All sources were accounted for and no discrepancies in the inventory were observed. The inspector verified the source serial number during the inspection. The inspector considered the security of the material to be adequate.