NRC FORM 591M PART 1
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Indiana University at South Bend 1700 Mishawaka Avenue South Bend, Indiana 46634 REPORT 2006-001	REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-32677	13-26387-01	January 30, 2006

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)

License condition no. 17 requires that the licensee conduct its program in ~~acc~~ accordance with the application dated June 28, ~~2006~~ 2002. That application states that physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources received and possessed under the license.

Contrary to the above, the licensee failed to conduct physical inventories between approximately spring 2004 and November 2005, a period exceeding 6 months. Licensee will ~~pe~~ conduct inventories at the required interval and will institute a system of reminders to ensure the inventories are conducted as required.

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	Michael A. Prater Dir. of Facilities Mgmt.	Michael A. Prater	1-30-06
NRC INSPECTOR	Geoffrey M. Warren	Geoff Warren	1/30/06

NRC FORM 591M PART 3
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Indiana University at South Bend REPORT NUMBER(S) 2006-001	**Region III**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-32677	13-26387-01	January 30, 20006

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87126	03.01 - 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
03620	5	Andrew Schnabel, Ph.D., RSO	574-237-4413

[X] Main Office Inspection — Next Inspection Date: **January 2011**

[ ] Field Office

[ ] *Temporary Job Site*

PROGRAM SCOPE

The licensee was a public educational institution with a total enrollment of approximately 7500 students. The radiation safety staff consisted of the radiation safety officer (RSO), a professor in the biology department, with assistance from another professor, the previous RSO. The University operated a program with six individuals approved as authorized users, none of whom were actively using licensed materials. However, one professor was planning an upcoming research study using licensed material. The use of licensed material at this institution was primarily as tracers in biological and chemical research. All licensed material maintained under this license was in secured storage. Licensed material was disposed through decay in storage or stored for eventual shipment to an approved disposal site. The licensee was considering merging this license with the Indiana University license managed from the Bloomington campus because of the limited use at this location.

Performance Observations

During the inspection, licensee staff explained procedures for the acquisition, receipt, use, storage, and disposal of licensed materials. The inspector identified no issues with these procedures. Interviews with licensee staff indicated sufficient knowledge of radiation safety concepts and procedures. Confirmatory surveys indicated radiation levels consistent with licensee survey records and appropriate for area postings. The inspector compared the most recent inventory to current storage areas and identified no discrepancies.

The inspector identified one violation of NRC requirements. Inventory of licensed material was performed intermittently because the RSO was unaware of the requirement to perform inventories at a six-month frequency. All materials were in locked storage, and no licensed materials required leak testing.

One violation was cited in the previous inspection, concerning changing the RSO without NRC approval or notification. During the current inspection, the inspector verified that the licensee was aware of the requirement to notify the NRC when a new RSO takes control of the radiation safety program. This closes the violation from the previous inspection.