



## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Calvin College  
3201 Burton, S. E.  
Grand Rapids, MI 49546

REPORT

2006-001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-00820

## 4. LICENSEE NUMBER(S)

21-08721-01

## 5. DATE(S) OF INSPECTION

August 21, 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)

## 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



8/21/2006

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



## 1. LICENSEE

**Calvin College**REPORT NUMBER(S) **2006-001**

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**Region III****2443 Warrenville Road  
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## 6. INSPECTION PROCEDURES

87126

## 7. INSPECTION FOCUS AREAS

03.01, 03.02, 03.03, 03.04, 03.05, 03.06, and 03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

## 1. PROGRAM

03620

## 2. PRIORITY

E 5

## 3. LICENSEE CONTACT

Steven Steenwyk, RSO

## 4. TELEPHONE NUMBER

616.526.8542



Main Office Inspection

Next Inspection Date: Aug. 2011

Field Office \_\_\_\_\_



Temporary Job Site \_\_\_\_\_

**PROGRAM SCOPE**

This licensee was a private college, specializing in liberal art, engineering and physical sciences, with an enrollment of approximately 4,000 students and 300 faculty members. Licensed material was authorized for in-vitro research and development and for student teaching purposes. Four individuals acted as principal investigators and supervised the technicians and students who used licensed material. The college possessed several sealed/plated sources used for counting experiments in physics courses.

The college also possessed an Am-241 neutron beam irradiation unit (a self-contained irradiator unit). The unit was used in an advanced physics course by students under the direct supervision of the authorized user. The room and the unit were locked when unattended and accessible only by the authorized users.

During this inspection, the inspector toured select labs, interviewed licensee personnel, performed radiation surveys around laboratories and the source storage room, and reviewed select records.