

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

NSF International  
789 N. Dixboro Road  
Ann Arbor, Michigan 48113

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission  
Region IV, 612 East Lamar Blvd, Suite 400  
Arlington, Texas 76011-4125

REPORT NO: 2011-001

3. DOCKET NUMBER

030-38362

4. LICENSE NUMBER

21-15209-02

5. DATE OF INSPECTION

November 7, 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 violations(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 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.

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	Lizette Roldán-Otero, Ph.D.	<i>Lizette Roldán-Otero</i>	11/7/11
BRANCH CHIEF	<i>TAMARA BLOOMER</i>	<i>Tamara Bloomer</i>	11/29/11

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

1. LICENSEE/LOCATION INSPECTED:  NSF International 789 N. Dixboro Road Ann Arbor, MI 48113  REPORT NUMBER(S) 11-01		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-38362	4. LICENSE NUMBER(S)  21-15209-02	5. DATE(S) OF INSPECTION  November 7, 2011	
6. INSPECTION PROCEDURES USED  87126	7. INSPECTION FOCUS AREAS  03.01-03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03214	2. PRIORITY 5	3. LICENSEE CONTACT Robert C. Robke, RSO	4. TELEPHONE NUMBER (734) 827-6813
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☒ Main Office Inspection      Next Inspection Date: 11/07/2016

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This is a small research facility with one dedicated lab to perform experiments with licensed material (RAM). They are authorized to possess microcurie quantities of Sr-89, Sr-90, Radium-226, and/or Radium-228. The licensee performs 3 to 4 experiments per week to mainly develop QC water samples. The licensee uses picocurie quantities of RAM per experiment. They have used most of the RAM listed on the license. They have not used or ordered Sr-89. They have also received under a general license, Th-230 as source material (SM) in accordance with 10 CFR 40.22. The licensee has received and used less than 100 grams of Th-230. The licensee was aware of the requirement which limits the possession of 15 pounds of SM at any one time and a total limit of 150 pounds of SM in a calendar year.

The inspector interviewed two authorized users and an individual that works under the supervision of the authorized user. Each individual demonstrated knowledge of operating procedures, emergency procedures, and NRC radiation safety requirements. One authorized user demonstrated how survey meter function was verified and how daily surveys and weekly wipe tests were performed.

Calibration of survey meters, area surveys and wipe tests, radiation safety training, inventory records, and waste disposal records were reviewed and found adequate. Security of radioactive material was adequate meeting 10 CFR 20.1801 and 1802 requirements. Area postings were adequate.

No violations or safety concerns were identified during this inspection.