

NRC FORM 591M PART 1

(10-2011)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Uniformed Services University of the Health Sciences
Armed Forces Radiobiology Research Institute
8901 Wisconsin Avenue
Bethesda, Maryland 20889-5603

REPORT NUMBER(S) 2012-001

2. NRC/REGIONAL OFFICE:

U.S. Nuclear Regulatory Commission
Region I, 475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

3. DOCKET NUMBER(S)

030-04545

4. LICENSE NUMBER(S)

19-08330-02

5. DATE(S) OF INSPECTION

May 15 and 16, 2012

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, to exercise discretion, were satisfied.

1. Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

Condition 27 on the license states that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents listed in that condition. Transmitted as an enclosure in the letter dated December 27, 2004, AFRRI Instruction 6055.8E: Radiation Protection Program states that the Radionuclide and X-Ray Safety Committee (RXSC) "...shall oversee and approve through the Safety and Health Department (SHD) the procurement, use, and disposal of all ionizing radiation sources..."

Contrary to the above, on October 13, 2011 an Electron Capture Detector (ECD) containing 15mCi of Nickel-63 was brought to the AFRRI facility by an AFRRI staff member. The staff member ordered the device under the USUHS ordering system but did not inform the AFRRI RSO. The ECD was installed into a gas chromatograph by the manufacturer. The RSO for the AFRRI license discovered the source was at the AFRRI facility when she contacted the alternate RSO for USUHS regarding an e-mail sent in October 2011. The licensee informed the NRC in a letter dated February 23, 2012 of the potential violation. The AFRRI RSO requested and was given the leak test certificate for the ECD. The source was then assigned a unique number on the AFRRI inventory list and the RSO was assigned as source custodian. In addition, the staff member and all AFRRI personnel were trained and made aware of the requirement to inform the RSO of any radioactive material brought onto the AFRRI site. During the time of the inspection, the ECD was listed on the inventory.

This is a non-cited violation because the licensee identified and reported it to the NRC and performed corrective actions.

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11. (Violations and Corrective Actions)

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	L. Andrew Huff	<i>L. Andrew Huff</i>	6/6/12
NRC INSPECTOR	Farah Gaskins	<i>Farah Gaskins</i>	6/14/12
BRANCH CHIEF	Judith Jousra	<i>Judith Jousra</i>	6/14/12

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SUNSI Review Completed By: /RA/ FGaskins

☒ Public☒ Non-Sensitive

This document becomes an NRC Official Agency Record once it is signed by the Branch Chief

NRC-002