

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Department of the Army, U.S. Military Academy
Dept. of Physics and Nuclear Engineering
West Point, New York 10996-1790

REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region I, 2100 Renaissance Blvd, Suite 100
King of Prussia, Pennsylvania 19406-2713

3. DOCKET NUMBER(S)

030-00897

4. LICENSE NUMBER(S)

31-02102-02

5. DATE(S) OF INSPECTION

October 27, 2016

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.

Non-cited violation(s) were discussed involving the following requirement(s) and corrective action(s):

- X** 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 the 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)

License Condition 15.B of License No. 31-02102-02, requires that sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.

Contrary to the above, as of October 27, 2016, sealed sources designed to primarily emit alpha particles were not tested at the required three month frequency. Specifically, the licensee last conducted leak tests on alpha emitting sources on June 2, 2016, a period exceeding three months.

This is a Severity Level IV violation (Enforcement Policy Section 6.3.d.3).

As corrective action, the Radiation Safety Officer stated the licensee would comply with the leak test requirement. A license amendment request may be submitted to remove the condition, allowing alpha sources to be considered as source material under 10 CFR Part 40 requirements, thereby eliminating the leak test requirement for alpha sources kept in the inventory.

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	<i>Schultz</i> Dan Schultz RSO	<i>[Signature]</i>	11/23/16
NRC INSPECTOR	Craig Gordon, Sr. Health Physicist	<i>[Signature]</i>	11/24/16
BRANCH CHIEF	Blake Welling, Chief, CIRDA Branch	<i>[Signature]</i>	11/21/16