

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Alliant Techsystems, Inc. Lake City Ammunition Division Lake City Army Ammunition Plant Independence, Missouri 64051-1000 REPORT NUMBER(S) 2008-001	2. NRC/REGIONAL OFFICE Region III U.S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-28929	4. LICENSEE NUMBER(S) 24-24576-01	5. DATE(S) OF INSPECTION Oct. 3, 2008
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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	Geoffrey M. Warren		10/3/08

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3. DOCKET NUMBER(S) 030-28929	4. LICENSE NUMBER(S) 24-24576-01	5. DATE(S) OF INSPECTION Oct. 3. 2008	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 – 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Trent Trutzel, RSO	4. TELEPHONE NUMBER 816-796-5566
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Main Office Inspection Next Inspection Date: Oct. 2013

Field Office

Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a production facility in Independence, Missouri, employing 2500 personnel, which produced ammunition for military use. The licensee possessed fifteen devices as described on the license, but was considering replacing them with devices containing americium-241. In addition, the licensee possessed a number of generally-licensed devices and exempt-quantity sources. Twelve individuals including the RSO, ARSO, and maintenance staff were routinely involved in the use and oversight of the devices, and around 70 people worked in the area near the devices. Inventories, shutter checks, and leak tests were performed at required frequencies. The licensee did not perform any maintenance or installation activities on the gauge; these services would be performed by the manufacturer.

In order to enter the area where the devices are used, the inspector should wear cotton socks. Shoes made of conductive materials can be provided by the licensee.

Performance Observations

The inspector toured the plant facility with the ARSO and observed the fifteen specifically-licensed devices and several generally-licensed devices in conjunction with the licensee's current inventory. Licensee personnel described proper leak test procedures. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.