



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

<b>1. LICENSEE/LOCATION INSPECTED:</b>  Alliant Technologies INC. Lake City Army Ammunition Plant P.O. Box 1000 Independence, MO 64051-1000  REPORT NUMBER(S) 13-01	<b>2. NRC/REGIONAL OFFICE</b>  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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<b>3. DOCKET NUMBER(S)</b>  030-288929	<b>4. LICENSE NUMBER(S)</b>  24-24576-01	<b>5. DATE(S) OF INSPECTION</b>  3/6/2013
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<b>6. INSPECTION PROCEDURES USED</b>  IP 87124	<b>7. INSPECTION FOCUS AREAS</b>  03.01 through 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

<b>1. PROGRAM CODE(S)</b>  3120	<b>2. PRIORITY</b>  5	<b>3. LICENSEE CONTACT</b>  Trent Trutzel	<b>4. TELEPHONE NUMBER</b>  (816) 796-7101
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date:	3/6/2018
<input type="checkbox"/> Field Office Inspection		
<input type="checkbox"/> Temporary Job Site Inspection		

**PROGRAM SCOPE**

The licensee has a production facility in Independence, Missouri employing 2700 personnel. which produced ammunition for military use. The licensee possessed 15 devices containing AM-241 as described on the license. The licensee has replaced the 15 sources containing Cs-137 on their license. The licensee disposed of it's Cs-137 devices in December of 2011, when the devices were sent to J.L. Shephard & Associates in California. (The licensee performed leak tests on these Cs-137 devices on June 14, 2011.) Nine individuals including the RSO, ARSO, and maintenance staff were routinely involved in the use and oversight of the devices, and around 50 people worked in the area near the devices. Inventories, shutter checks, and leak tests were performed at required frequencies. Dosimetry records indicated minimal exposures for the nine individuals working with the devices.

**Performance Observations**

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