

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Department of the Army, HQ, US Army Joint Munitions
Command, Attn: AMSJM-SF/Lake City Army
Ammunition Plant, Area 31, Independence, MO

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

REPORT

040-08767/06-001

3. DOCKET NUMBER(S)

040-08767

4. LICENSEE NUMBER(S)

SUC-1380

5. DATE(S) OF INSPECTION

November 8-9, 2006

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

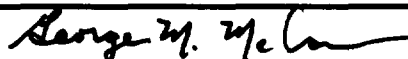
Signature

Date

LICENSEE'S
REPRESENTATIVE

NRC INSPECTOR

George M. McCann, Senior Health Physicist



11/09/2006

700

(10-2003)
10 CFR 2.201

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AND COMPLIANCE INSPECTION**

1. LICENSEE Department of the Army REPORT NUMBER(S) 040-08767/06-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, Illinois 60532	
3. DOCKET NUMBER(S) 040-08767	4. LICENSE NUMBER(S) SUC-1380	5. DATE(S) OF INSPECTION November 8-9, 2006	
(Continued)			

(10-2003)
10 CFR 2.201**Docket File Information**
SAFETY INSPECTION REPORT
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3. DOCKET NUMBER(S) 040-08767	4. LICENSE NUMBER(S) SUC-1380	5. DATE(S) OF INSPECTION November 8-9, 2006	
6. INSPECTION PROCEDURES USED 88005, 83822, 93001	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 11900	2. PRIORITY D	3. LICENSEE CONTACT Mike S. Styvaert	4. TELEPHONE NUMBER (309) 782-0880
<input type="checkbox"/> Main Office Inspection		Next Inspection Date: _____	
<input type="checkbox"/> Field Office		_____	
<input checked="" type="checkbox"/> Temporary Job Site		Lake City Army Ammunition Plant, Area 31, Independence, MO	

PROGRAM SCOPE

The Lake City Army Ammunition Plant (LCAAP) is located in Independence, Missouri. The Army facilities were used for the production and testing of munitions containing depleted uranium (DU). The licensee was listed in the NRC's Site Decommissioning Program until 2001 when oversight of decommissioning was referred to the U.S. Environmental Protection Agency's (EPA) Superfund Program. The licensee completed remediation of a number of LCAAP DU contaminated areas prior to referral to the EPA. Remediation of the remaining DU contaminated areas is projected to be completed by 2008. Both EPA and the Missouri Department of Natural Resources are committed to providing regulatory oversight of the remediation during this period. The NRC Material License SUC-1380 will continue to cover LCAAP until DU decommissioning is complete.

During July 2006, a site contractor was performing remediation activities in a general rubbish land-fill located in LCAAP Area 31, which was not part of the on-going decommissioning activities. During these activities the contractor found four DU targeting rounds. The Army contracted with a decommissioning contractor to survey and release the remaining soil. The purpose of the surveys was to ensure that the soil excavated from the land-fill did not contain any additional penetrators.

Performance Observations

This inspection focused on the safety aspects related to and the conduct of survey activities described in the licensee's "Area 31 Final Status Survey Work Plan," which was incorporated into the current license via amendment number 45. The NRC inspectors observed and evaluated the licensee's contractor performance related to radiological posting and labeling, placarding, and the conduct of radiation surveys conducted in work areas and soil being remediated. The contractor's use of radiological instruments and their calibration was determined to be appropriate and according to the licensee's survey plan.

The NRC inspectors performed independent radiation surveys, and conducted side-by-side instrument measurements with the contractor to determine consistency of measurements. Interviews were conducted with available licensee staff to evaluate knowledge of contractor procedures and NRC regulations, with no problems noted.

The licensee committed to forwarding soil samples from their contract laboratory for confirmatory analyses by the NRC's contract laboratory: Oak Ridge Institute for Science and Education. The sample findings from this analysis will be forwarded to the licensee and the Army under separate cover.