

(10-2003)
10 CFR 2.201

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Lone Star Industries, Inc.
D/b/a Buzzi Unicem USA
Green castle, IN 46135

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4351

REPORT 2005/001

3. DOCKET NUMBER(S)

030-04404

4. LICENSEE NUMBER(S)

13-12374-01

5. DATE(S) OF INSPECTION

11/3/2004

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	Tony S. Go		11/30/04

NRC FORM 591M PART 3 <small>(10-2003) 10 CFR 2.201</small>		U.S. NUCLEAR REGULATORY COMMISSION	
<i>Docket File Information</i> SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE Lone Star Industries, Inc. REPORT NUMBER(S) 2005/001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III	
3. DOCKET NUMBER(S) 030-04404	4. LICENSE NUMBER(S) 13-12374-01	5. DATE(S) OF INSPECTION 11/ 30 /05	
6. INSPECTION PROCEDURES 87124		7. INSPECTION FOCUS AREAS 03.01 - 03.07	
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 3120	2. PRIORITY 5	3. LICENSEE CONTACT Jay Patterson/Dan Johnson	4. TELEPHONE NUMBER 317-653-9766
<div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Main Office Inspection <input checked="" type="checkbox"/> Field Office 3301 South County Rd, 150 W., Greencastle <input type="checkbox"/> Temporary Job Site </div> <div style="text-align: right;"> Next Inspection Date: 11/10 </div> </div>			
PROGRAM SCOPE			

NRC FORM 591M PART 3 (10-2003)

Program and Scope

The licensee possessed two Ohmart gauges containing Cs-137 sealed sources and four Berthold's fixed gauges distributed by PerkinElmer. The three Model 7440 series Berthold gauges contained Cs-137 sealed sources and one contained a Co-60 sealed source. In April 2005, the two Ohmart gauges containing Cs-137 sealed sources were returned to Ohmart, the manufacturer in Ohio. Maintenance of the shutter mechanisms and the source housings was performed by the manufacturer representatives during the required intervals.

Performance Observations

The inspector verified the location of the four Berthold gauges during a tour of the Greencastle facility. Also, during the inspection, the inspector verified that these Berthold gauges could be possessed under generally licensed; however, the licensee possessed these gauges under a specific license. The radiation levels for unrestricted areas at 30 cm from the holder were at or near background levels of <0.03 mR/hr. Radiation surveys on contact to these gauges showed a maximum radiation level of <3 mR/hr at contact with the shielding. During an inspection, the inspector interviewed the licensee's staff on the operation of licensed devices and on the knowledge of "lockout and tag out" procedures. No violations of NRC requirements were identified.