

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Lone Star Industries, d/b/a Buzzi Unicem USA 2524 South Sprigg Cape Girardeau, Missouri REPORT NUMBER(S) 2008-001	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-32408	4. LICENSEE NUMBER(S) 24-26333-01	5. DATE(S) OF INSPECTION June 10, 2008

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)

PD

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		6/10/08

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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 Stan Essner, RSO	4. TELEPHONE NUMBER 573-335-5591
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Main Office Inspection Next Inspection Date: June 2013

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a cement production facility located in Cape Girardeau, Missouri, employing 150 personnel. The licensee possessed two specifically-licensed Texas Nuclear level gauges containing cesium-137, Models 5193 and 5202, and a specifically-licensed Thermo Electron Corporation Model CBX Cross-Belt Elemental Analyzer containing two californium-252 sources. Two individuals, the RSO and ARSO, were routinely involved with use and oversight of the devices, and several maintenance personnel were involved in lockout/tagout of the gauges. Inventories, shutter checks, and leak tests were performed at required frequencies. The licensee stated that all installation and maintenance activities were performed by the manufacturer.

Performance Observations

The inspector toured the plant facility and observed the three gauges in conjunction with the licensee's current inventory. The RSO described survey techniques used if/when a gauge is relocated. Licensee personnel described proper lock-out and leak test procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee surveys and postings.

Note to next inspector: Follow the signs to the main office in the back of the facility, not to the alternative fuels office.