



**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <b>Holcim (US) Inc. 14738 Highway 79 North Clarksville, MO 63336</b>  REPORT NUMBER(S)		2. NRC/REGIONAL OFFICE <b>U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351</b>	
3. DOCKET NUMBER(S) <b>030-05129</b>	4. LICENSEE NUMBER(S) <b>24-11511-01</b>	5. DATE(S) OF INSPECTION <b>September 23, 2008</b>	

**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:

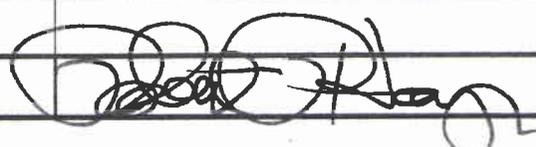
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	<b>Robert P. Hays</b>		<b>9/23/08</b>

SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION

1. LICENSEE <b>Holcim (US) Inc.</b>		2. NRC/REGIONAL OFFICE <b>Region III</b>	
REPORT NUMBER(S) <b>2008-001</b>		<b>2443 Warrenville Road, Suite 210</b> <b>Lisle, IL 60532</b>	
3. DOCKET NUMBER(S) <b>03005129</b>	4. LICENSE NUMBER(S) <b>24-11511-01</b>	5. DATE(S) OF INSPECTION <b>September 23, 2008</b>	
6. INSPECTION PROCEDURES USED <b>87124 (11/25/03)</b>		7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>	

## SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) <b>03120</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Orval (Joe) Gray, RSO</b>	4. TELEPHONE NUMBER <b>573-242-3571</b>
------------------------------------	-------------------------	---	--

Main Office Inspection

Next Inspection Date: **September 2013**

Field Office

Temporary Job Site  
Inspection

## PROGRAM SCOPE

The licensee is a concrete manufacturer authorized to use cesium-137 and californium-252 in sealed sources for level measurements or elemental analysis. The licensee currently possesses the total number of gauges as indicated in the license file and all are in use. A total of 3 maintenance staff including the RSO, perform quarterly shutter testing, cleaning, and inventory of the gauges. Two survey meters are available and are calibrated annually. Any other maintenance or service is conducted by the manufacturer. Since the previous inspection, the licensee has added the Cf-252 analyzer and the ARSO became the RSO.

Performance Observations

During the inspection, the licensee's RSO demonstrated/discussed: (1) survey meter use and calibration; (2) tag out procedures; (3) signage (4) security of licensed material; (5) gauge maintenance; (6) staff training; and (7) leak tests which are done every 36 months for Cs-137 (April 2008) and six months for Cf-252 (May 2008) as required. Ambient surveys at the surface of the Cf-252 analyzer indicated less than 2 mrem/hr.