

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Lehigh Cement Company, LLC 180 North Meridian Road Mitchell, IN 47446</p> <p>REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-34344</p>	<p>4. LICENSE NUMBER(S)</p> <p>13-26779-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>October 25, 2018</p>

**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:

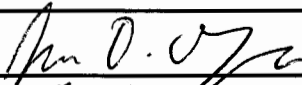

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

**Statement of Corrective Actions**

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	Jason D. Draper, Health Physicist		11/5/18
BRANCH CHIEF	Aaron T. McCraw	 for ATM	11/5/18

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03120	2. PRIORITY  5	3. LICENSEE CONTACT  Cody Hall, RSO	4. TELEPHONE NUMBER  (812) 583-9161
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Main Office Inspection                      Next Inspection Date:                      10/25/2023

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a fixed gauge licensee in Mitchell, Indiana. The licensee is a cement manufacturer that uses fixed cesium-137 gauges to perform level measurements. At the time of inspection the licensee possessed 11 cesium-137 gauges (6 VEGA Americas, Inc. SR-A and 5 VEGA Americas, Inc. SHLD-1). The licensee has an RSO and ARSO listed on their license and has several other individuals trained as Authorized Users who perform shutter checks and leak test sample collection. All other maintenance, including removal/replacement of gauges, is performed by a specifically-licensed vendor. Most recently, in July 2018, the vendor removed 4 gauges (2 SR-A and 2 SH-100) that were no longer being used and replaced 5 other gauges (4 SR-A and 1 SHGS-2) with new gauges (5 SHLD-1).

The RSO indicated that they plan on constructing a new plant onsite in the next couple years, and that portions of the old plant may be retired as the new plant begins operation.

**PERFORMANCE OBSERVATIONS**

The inspector toured the plant and observed five of the licensee's eleven fixed gauges. The inspector verified source holder labels, observed postings, and performed confirmatory surveys of the areas around the gauges. The inspector identified that the source activity listed on the licensee's inventory differed from the activity stamped on the source holder for two of the gauges. Further review identified that since this administrative error on the inventory was used in the development of the possession limits during the licensee's most recent license renewal, the licensee's current inventory exceeded the possession limits specified on the license. The licensee submitted a license amendment on November 1, 2018, to correct this error.

The inspector also interviewed the RSO and reviewed records associated with leak tests, shutter checks, non-routine maintenance, training, and radiation safety program reviews with no issues identified.

No violations were identified as a result of this inspection.

## Draper, Jason

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**From:** Draper, Jason  
**Sent:** Tuesday, November 20, 2018 7:43 AM  
**To:** 'cody.hall@lehighhanson.com'  
**Subject:** Results of NRC Inspection - Lehigh Cement Company, LLC  
**Attachments:** SKM\_C45818112008320.pdf

Cody,

As we discussed on our phone call on Monday, November 5, 2018, attached is the inspection report for the routine NRC inspection I conducted at Lehigh Cement Company on Thursday, October 25, 2018. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Jason Draper  
Health Physicist (Inspector)  
NRC/RIII/DNMS/MIB  
(630) 829-9839  
[jason.draper@nrc.gov](mailto:jason.draper@nrc.gov)