

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  St. Marys Cement, Inc. (US) 16000 Bells Bay Road P.O. Box 367 Charlevoix, MI 49720  REPORT NUMBER(S) 2015-001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-34588	4. LICENSE NUMBER(S)  21-32044-01	5. DATE(S) OF INSPECTION  August 27, 2015

**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.


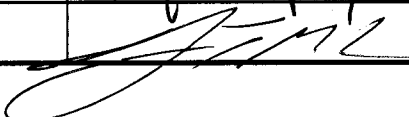
\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):

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	Ryan Craffey		8/28/15
BRANCH CHIEF	Aaron McCraw		8/28/15

**Docket File Information**  
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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Fred Hommel - RSO	4. TELEPHONE NUMBER (231) 237-1367
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Main Office Inspection      Next Inspection Date: 08/27/2020

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

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of a cement production plant authorized to use byproduct material for materials analysis at its facility in Charlevoix, Michigan. The licensee possessed two on-line neutron analyzers, each containing four sealed sources of Cf-252. The licensee retained the services of a vendor to perform leak tests, source exchanges and other routine maintenance semiannually. The licensee's RSO was the only employee who was involved in the use of the analyzers.

**PERFORMANCE OBSERVATIONS**

The inspector toured the plant in Charlevoix to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent surveys in the vicinity of both analyzers and found no readings in excess of regulatory limits to members of the public. The inspector interviewed the licensee's RSO to discuss analyzer use, maintenance, lock-out procedures, and receipt of replacement sources. The inspector found the RSO to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of maintenance records from the licensee's vendor, including semi-annual leak tests and surveys.

No violations of NRC requirements were identified as a result of this inspection.