

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Lafarge Midwest, Inc. 1435 Ford Avenue Alpena, MI 49707 REPORT NUMBER(S) 2017001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-30142	4. LICENSE NUMBER(S) 21-25823-01	5. DATE(S) OF INSPECTION July 14, 2017
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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 Richard Skiba - RSO	4. TELEPHONE NUMBER (989) 358-3307
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Main Office Inspection Next Inspection Date: 07/14/2022
 Field Office Inspection
 Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced routine inspection of a cement manufacturer authorized to use fixed nuclear gauges for process line measurements at its facility in Alpena, Michigan. At the time of the inspection, the licensee had eleven gauges in service, including four Texas Nuclear 5206 devices containing Cs-137, one Berthold 7400D containing Cs-137, two Berthold LB 300L devices containing Co-60, and four Sabia XL series analyzers containing Cf-252. In April 2015, the licensee removed 15 gauges it no longer needed from service; these were removed by the manufacturer. The RSO oversaw the safe use of the gauges, assisted by one instrument technician. The licensee retained the services of the manufacturer to perform semiannual leak testing and maintenance on its belt analyzers.

PERFORMANCE OBSERVATIONS

The inspector toured the facility in Alpena to evaluate the licensee's measure for materials security, hazard communication and exposure control. The inspector found all of the licensee's gauges to be in good condition and suitably labeled and/or posted. None of the gauges had been subject to any incidents, events or mechanical failures since the last inspection. Independent surveys in the vicinity of these gauges were consistent with the applicable safety evaluations in the Sealed Source and Device Registry. No readings exceeded regulatory limits to members of the public. The inspector discussed with the RSO and the instrument technician the licensee's procedures for leak testing, inventories, shutter checks, and lockout/tagout procedures. Through these discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of records, including leak test, shutter check and inventory records, annual program audits, disposal documentation for the eleven gauges removed in April 2015, as well as installation documentation for a new belt analyzer installed by the manufacturer in October 2015.

No violations of NRC requirement were identified as result of this inspection.

RIIDNMS_ADMIN Resource

From: Craffey, Ryan
Sent: Friday, August 11, 2017 3:59 PM
To: RIIDNMS_ADMIN Resource
Subject: Document for ADAMS
Attachments: NRC 591M - Lafarge Midwest.pdf; NRC 665 - Lafarge Midwest.pdf

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