



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

July 18, 2022

Janelle K. Baier
Quality Manager
Holcim (US) Inc.
1435 Ford Ave.
Newberry, MI 49868

SUBJECT: RENEWAL OF RADIOACTIVE MATERIALS LICENSE FOR HOLCIM (US) INC.,
U.S. NRC MATERIALS LICENSE NO. 21-25823-01

Dear Ms. Baier:

Enclosed is Amendment No. 20 renewing your U.S. Nuclear Regulatory Commission (NRC) Materials License No. 21-25823-01, in accordance with your application dated February 14, 2022 and letters dated June 2, 2022 and July 11, 2022.

In addition to serving to renew your license, this amendment also includes the following changes:

- Updated the maximum activity per source and the total authorized activity for the licensed Thermo Process Instruments, L.P., d/b/a Thermo Fisher Scientific, Model 5206 fixed gauging devices; and
- Removal of a non-standard license condition, former license condition 16, concerning the performance of surveys required by Title 10 of the *Code of Federal Regulations* (10 CFR) §20.1501. Applicable survey commitments and procedures were provided in your letter dated June 2, 2022, which is incorporated by reference in Condition 24.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify me at (630) 829-9737 or via electronic mail at Jason.Kelly@nrc.gov so that appropriate corrections or answers can be provided.

An environmental assessment for this action is not required because this action is categorically excluded under [10 CFR Section 51.22\(c\)](#).

Please be advised that your license expires at the end of the day in the month and year stated in the license. Until your license has been terminated, you must conduct your program in accordance with the conditions of your license, representations made in your license application, and U.S. NRC regulations. In particular, note that you must:

1. Operate in accordance with U.S. NRC regulations [10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspections and Investigations,"](#) [10 CFR Part 20, "Standards for Protection Against Radiation,"](#) [10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material,"](#) and other appropriate regulations.
2. Notify the U.S. NRC in writing 30 days in advance of any change in mailing address.

The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

3. In accordance with [10 CFR §30.36\(d\)](#), notify the U.S. NRC promptly, in writing, within 60 days and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license whether at the entire site or any separate building or outdoor area;
 - b. If you decide not to acquire or possess and use authorized material; or
 - c. When no principal activities under the license have been conducted for a period of 24 months.
4. Request and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - d. Change the name or ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 60 days before the expiration date. Possession of byproduct material after your license expires is a violation of U.S. NRC regulations.

You will be periodically inspected by the U.S. NRC. Failure to conduct your program in accordance with U.S. NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a Notice of Violation, or Imposition of a Civil Penalty, or an Order Suspending, Modifying or Revoking your license as specified in the U.S. NRC Enforcement Policy. The U.S. NRC Enforcement Policy is available at: <http://www.nrc.gov/reading-rm/doc-collections/enforcement/>.

An electronic version of the U.S. NRC's regulations is available on the U.S. NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

Please be aware that, as a holder of a U.S. NRC license, you may be subject to the U.S. NRC's licensing and inspection fees in accordance with [10 CFR Part 170](#), and annual fees in accordance with [10 CFR Part 171](#). If you have any questions concerning the fee requirements, please contact the License Fee and Accounts Receivable Branch at (301) 415-7544.

J. Baier

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The U.S. NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <https://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. I encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in U.S. NRC-regulated activities.

The U.S. NRC's [Regulatory Issue Summary \(RIS\) RIS 2005-31](#) provides criteria to identify security related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through the U.S. NRC's ADAMS, the U.S. NRC's electronic document system. Pursuant to the U.S. NRC's RIS 2005-31 and in accordance with [10 CFR §2.390](#) of the U.S. NRC's "Rules of Practice and Procedure," the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the U.S. NRC's Generic Communications Web page under "Regulatory Issue Summaries" at <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/>, and the link for frequently asked questions regarding protection of security-related sensitive information may be located at <https://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the U.S. NRC Public Document Room or from the U.S. NRC's ADAMS, accessible from the U.S. NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

Jason M. Kelly, MPH
Health Physicist
Materials Licensing Branch

Docket No.: 030-30142
License No.: 21-25823-01

Enclosure: Amendment No. 20 to U.S. NRC Materials License No. 21-25823-01