



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

August 22, 2024

Andy Hall  
Radiation Safety Officer  
NDC Technologies, Inc.  
8001 Technology Blvd.  
Dayton, OH 45424

SUBJECT: RENEWAL OF RADIOACTIVE MATERIALS LICENSE FOR NDC  
TECHNOLOGIES, INC., U.S. NRC MATERIALS LICENSE NO. 04-23264-01

Dear Mr. Hall:

Enclosed is Amendment No. 23 renewing your U.S. Nuclear Regulatory Commission (NRC) Materials License No. 04-23264-01 in accordance with your application dated February 29, 2024, the revised application dated June 7, 2024, signed by Chris Vernon, General Manager, and your letter dated August 14, 2024.

Your application requested authorization for the QSA Global, Inc., Model Kr85.1 beta source for use with the NDC Technologies Model 302 basis weight and thickness gauging device. Upon review of Ohio Sealed Source and Device (SS&D) Certificate of Registration No. OH-471-D-104-B, dated February 15, 2023, I identified that the requested sealed source is not among the compatible sealed sources authorized for use with the gauging device. If you require authorization for the Kr85.1 beta source for use with this gauging device, you may request that the source be authorized in a future amendment request. In support of your request, please provide a copy of either Ohio SS&D Registry Sheet No. OH-471-D-104-B or a historical registry sheet that includes the QSA Global, Inc., Model Kr85.1 beta source as a compatible sealed source.

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](mailto:Jason.Kelly@nrc.gov) so that appropriate corrections or answers can be provided.

An environmental assessment for this action was not required, since this action is categorically excluded under [Title 10 of the Code of Federal Regulations \(10 CFR\) §51.22\(c\)\(14\)](#).

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.

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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](http://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.

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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, CPH  
Health Physicist  
Materials Licensing Branch

Docket No.: 030-20431  
License No.: 04-23264-01

Enclosure: Amendment No. 23 to U.S. NRC Materials License No. 04-23264-01