



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

March 28, 2021

Melissa Zanke-Detwiler
Radiation Safety Officer
Trinseo, LLC
1604 Bldg.
South of the Intersection of Washington St.
and E Lyon Rd.
Midland, MI 48674

SUBJECT: RENEWAL OF RADIOACTIVE MATERIALS LICENSE FOR TRINSEO, LLC, NRC
LICENSE NO. 21-32800-01

Dear Ms. Zanke-Detwiler:

Enclosed is Amendment No. 4 renewing your U.S. Nuclear Regulatory Commission (NRC) Materials License No. 21-32800-01, in accordance with Trinseo, LLC's (your) September 24, 2020 renewal request, including your completed September 17, 2020, NRC Form 313, "Application for Materials License," with the exceptions of removing certain cesium-137 sealed source and device authorizations, and modifying your non-routine maintenance authorization. Your renewal request is available electronically from NRC's Agencywide Documents Access and Management System (ADAMS) at accession number ML20274A044. The NRC's ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Please note that final disposition information is needed to remove the Ohmart/VEGA Model Nos. SH-F2, SR-1, SR-1A, SR-A, SR-2, and SHRM-B and Thermo Process/Thermo Fisher/Texas Nuclear Model Nos. 5196, 5200, and 5201 source holders in fixed gauging devices, from the license, listed in Subitem No. 9.B. to previous Amendment 3 to your license and now listed in Subitem Nos. 9.D, 9.E., and 9.H. to the enclosed license. For each model sealed source and device to be removed from the license, please include: (1) final date of use, (2) final leak test results, (3) final disposition information, (4) confirmation of receipt of dispositioned sources and gauges, and (5) an indication for any models never used a statement to that effect.

Please also note that, to authorize additional individuals for non-routine maintenance, training and experience information for each individual to be listed on the license, or training and experience criteria (including sample course outline, hands-on component, and evaluation criteria) sufficient to meet NUREG 1556, Vol. 4, rev. 1, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed-Gauge Licenses," Appendix J, "Information Needed to Support Applicant's Request to Perform Nonroutine Operations," pp. J-1 to J-2, are needed. Please also request if any individuals need be removed from the license.

Please review the enclosed document carefully, and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. NRC Region III Office at 630-829-9887, so that we may provide appropriate corrections and answers.

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

M. Zanke-Detwiler

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An environmental assessment for this action is not required, since this action is categorically excluded under Title 10 of the *Code of Federal Regulations* (10 CFR) Section 51.22(c).

You will be periodically inspected by NRC. Failure to conduct your program in accordance with 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 General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The 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 <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly 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 NRC-regulated activities.

NRC's Regulatory Issue Summary (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 NRC's ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390 of the 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 NRC's Generic Communications Web page under "Regulatory Issue Summaries" at <http://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 <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS.

Sincerely,

Sara A. Forster

Digitally signed by Sara A. Forster
Date: 2021.03.28 15:24:25 -05'00'

Sara A. Forster
Health Physicist
Materials Licensing Branch
Division of Nuclear Materials Safety

License No. 21-32800-01

Docket No. 030-38314

Mail Control No. 623240

Enclosure: Amendment No. 4 to NRC License No. 21-32800-01