



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

JUL 26 2018

Vanessa Velez  
Radiation Safety Officer  
U.S. Geological Survey  
Columbia Environmental Research Center  
Center Director  
4200 E. New Haven Road  
Columbia, MO 65201

Dear Ms. Velez:

Enclosed is Amendment No. 28 to your NRC Materials License No. 24-12728-01 in accordance with your request. Please note that, your license format has been changed based on our new Web-based Licensing (WBL) process.

Additionally, in accordance with the NRC licensing guidance we have updated the following License Conditions: Condition 12 regarding the designation of users by the Radiation Safety Officer in accordance with the letter dated February 19, 2016, Condition 19 regarding the sealed source leak test requirement, and Condition 21 regarding the decay-in-storage requirement. In addition, we added Condition 20 regarding the authorization for only sources and devices which have been registered in the SDR. The former Condition 20 regarding the transportation requirement was deleted because the requirement is already specified in the regulations in 10 CFR Part 71.

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. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

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.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,



Frank P. D. Tran  
Health Physicist  
Materials Licensing Branch

License No. 24-12728-01

Docket No. 030-05146

Enclosure: Amendment No. 28