



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

JAN 23 2018

Trevor D. Shaheen  
Radiation Safety Officer  
Soil and Materials Engineers, Inc.  
DBA: SME  
43980 Plymouth Oaks Boulevard  
Plymouth, MI 48170

Dear Mr. Shaheen:

Enclosed is Amendment No. 19 renewing your NRC Material License No. 21-17158-02 in accordance with your request. Please note that the format of your license has been changed due to our new licensing process.

Items 6-9 on your license have been updated in accordance with your request and the applicable Sealed Sources and Devices Registries. Additionally, the following License Conditions have been updated in accordance with our licensing policy: Condition 10 regarding requirements for gauge usage in Agreement States, Condition 12 regarding the training requirements for users, Condition 13 regarding the leak test requirements for sealed sources, and Condition 16 regarding the biannual inventory requirement. License Condition 18 has been updated to remove the statement regarding the use of two physical barriers as this is now required by 10 CFR 30.34(i). License Condition 19, as described on Amendment No. 18 has been deleted as you have committed to no longer perform non-routine maintenance activities. Lastly, License Condition 20, as described on License Amendment No. 18, regarding transportation requirements has been deleted as these requirements are 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

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

T. Shaheen

-2-

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 ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 Code of Federal Regulations 2.390, 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 Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> 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 Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

*Laura B. Cender*

Laura B. Cender  
Health Physicist  
Materials Licensing Branch

License No. 21-17158-02  
Docket No. 030-19574

Enclosure: Amendment No. 19