



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

January 10, 2018

Timothy P. McLaughlin, Explosives Safety Officer  
Radiation Safety Officer  
Schlumberger Technology Corporation  
300 Schlumberger Dr, MD-121  
Sugar Land, TX 77478

SUBJECT: LICENSE AMENDMENT

Dear Mr. McLaughlin,

Please find enclosed Amendment No. 105 to NRC License No. 42-00090-03 deleting a use/storage, as requested. An environmental assessment for this licensing action is not required since this action is categorically excluded under 10 CFR 51.22(c)(10)(iii), (v) and 51.22(c)(14)(xi). You should review this license carefully and be sure that you understand all conditions. You can contact me at (817) 200-1286 if you have any questions about this license.

Note that your license and license conditions have been updated in a new format. Please review your license and notify this office if you have any discrepancies or questions.

Additionally, License Condition 6.AD.-9.AD. remains as listed on the previous amendment, due to the fact that the Vx Spectra Series is listed in the sealed source and device registry (SSDR) as a generally licensed device. In the agency letter to you dated January 28, 2016 (ML16028A054), Roberto J. Torres, Senior Health Physicist, notified you of this and attached a copy of the SSDR. If you feel that this is in error, please contact us for discussion. Your license is due for renewal on March 31, 2018, and you may submit the updated radiation material information for this license condition item, or request the deletion of this byproduct radiative material.

**The enclosure transmitted  
herewith contains Official Use  
Only – Security-Related  
Information. When separated  
from this enclosure, this  
document is decontrolled.**

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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 expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC in writing of any change in mailing address.
3. By 10 CFR 30.36(d) and/or license condition, notify NRC, promptly, in writing, 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, radionuclide or form authorized on the license;
  - c. Add or change the areas or address(es) of use identified in the license application or on the license; or
  - d. Change the name or ownership of your organization.

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5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.

In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant. Since the NRC also accepts a letter requesting amendment of an NRC license, the signatory for such a request should also be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available on the following internet address: <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>.

An electronic version of the NRC's regulations is available on the 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/med-use-toolkit.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).

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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 the NRC's Agencywide Documents Access and Management System (ADAMS). The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/>. Pursuant to NRC's RIS 2005-31, this letter and its enclosed materials license will not be made publicly available.

Thank you for your cooperation.

Sincerely,

**/RA/**

Latischa M. Hanson, M.Sc., Health Physicist  
Materials Licensing and Inspection Branch

Docket: 030-06388  
License: 42-00090-03  
Controls: 601431 and 601592

Enclosure: As stated