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UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

MAR 02 2017

Garnett B. Cross
Radiation Safety Officer
Andrews University
Department of Physics
4260 Administration Dr.
Berrien Spring, MI 49104-0380

Dear Mr. Cross:

Enclosed is Amendment No. 11 renewing your NRC Material License No. 21-11654-03 in accordance with your request.

Please note that, License Condition 14 regarding the use of chromatography device in your previous license (Amendment No. 10) were deleted because they did not apply to your current license. License Condition 21 regarding the transportation requirement was deleted because this requirement is already specified in the regulations.

Additionally, your license format and License Condition 13 regarding the sealed sources leak test requirement, License Condition 15 regarding the sources inventory requirement, License Condition 19 regarding the decay in storage requirement, and License Condition 20 regarding the transportation requirement for plutonium were updated based on the new licensing process.

Based on the information you provided on December 19, 2016 and December 29, 2016, the possession limits for unsealed hydrogen-3 and carbon-14 were updated to 10 microcuries each.

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.

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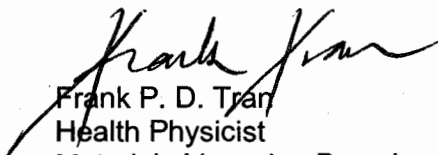
G. Cross

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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>.

Sincerely,


Frank P. D. Tran
Health Physicist
Materials Licensing Branch

License No. 21-11654-03
Docket No. 030-09702

Enclosure: Amendment No. 11