UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BOULEVARD, SUITE 400
ARLINGTON, TEXAS 76011-4125

November 15, 2010

Lovelace Respiratory Research Institute
ATTN: Elaine T. Marshall, CHP
Radiation Safety Officer
2425 Ridgecrest Drive, SE
Albuquerque, New Mexico 87108

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 17 to NRC License No. 30-29237-01 **where we have removed the isotopes as requested. Please keep in mind that you are now limited to the maximum possession limits set in Items 8A and 8B. Also, in letter dated November 8, 2010 you requested a modification for the listing of Americium 241 on the license. This modification is not necessary as we have allowed for you to use the isotope for both purposes. Therefore, as long as you do not exceed your maximum possession limit you may use the Americium for both uses listed on the license.** An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(v) and (xvi). You should review the enclosed document carefully and be sure that you understand all conditions. You can contact me at 817-276-6596 if you have any questions about this license.

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 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, the enclosed materials license will not be made publicly available.

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/reading-rm/doc-collections/enforcement/.

An electronic version of the NRC's regulations is available on the NRC Web site at 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/mat-toolkits.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).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

Thank you for your cooperation.

Sincerely,

/RA/

Lizette Roldán-Otero, Ph.D., Health Physicist
Nuclear Materials Safety Branch B

Docket: 030-37312
License: 30-29237-01
Control: 573429

Enclosure: As stated