



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

MAR 29 2010

Robert A. Nicolotti, Ph. D.  
Radiation Safety Officer  
St. Louis County Department of Health  
Environmental Health Laboratories  
111 South Meramec  
Clayton, MO 63105

Dear Dr. Nicolotti:

Enclosed is Amendment No. 20 to your NRC Material License No. 24-11263-01 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

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.

**At this time we were unable to approve the removal of the nickel-63 sealed sources listed in Subitem Nos. 6. through 9. H., inclusive, of your license, as requested in your letter dated December 21, 2009, because the information submitted was insufficient to complete our review.**

**If you wish to pursue this request please submit the information requested below, addressed to the attention of "Michael G. Herr, CHP," at the address above. Please reference your signed and dated written response as "additional information to control number 318717" to facilitate proper handling. We will then continue our review.**

**Specifically, please submit a copy of the actual leak test results that Varian Analytical Instruments ("Varian") performed on the nickel-63 sealed sources, prior to transferring them to its license.**

**In addition, we noted that the model number for the sealed sources referenced by Varian in its letter to you dated October 29, 2009, is different from the model numbers permitted by your NRC specific license, as listed in Subitem No. 7.H.**

**Please explain this discrepancy briefly but in sufficient detail that we may verify that the sources transferred to Varian were authorized on your specific license and should be removed.**

**At this time, we updated and reformatted Condition Nos. 11., 12., 13.G. and 19. Condition Nos. 13.G. and 19. are standard Conditions for your type of license. In particular, Condition No. 19 limits your possession of certain forms of americium-241 to activities below the threshold for requiring decommissioning and financial assurance, in accordance with 10 CFR 35.35(d).**

**If you have any questions concerning this amendment, please direct them to Michael G. Herr, CHP, at 630-829-9752.**

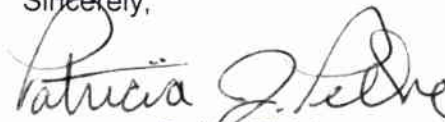
R. Nicolotti

**Please also be reminded of the provisions in 10 CFR 30.9(a), "Completeness and accuracy of information," which states, in part, that...(a) Information provided to the Commission by an applicant for a license or by a licensee or information required by statute or by the Commission's regulations, orders, or license conditions to be maintained by the applicant or the licensee shall be complete and accurate in all material respects (emphasis added)."**

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 Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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.

Sincerely,



Patricia J. Pelke, Chief  
Materials Licensing Branch

License No. 24-11263-01  
Docket No. 030-05125

Enclosure:

Amendment No. 20