



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

JUN 17 2010

Christopher Blasio  
Radiation Safety Officer  
National Aeronautics & Space Adm.  
John H. Glenn Research Center  
At Lewis Field  
21000 Brookpark Road  
Cleveland, OH 44135

Dear Mr. Blasio:

Enclosed is Amendment No. 45 to your NRC Material License No. 34-00507-16 in accordance with your request dated May 11, 2010. 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.

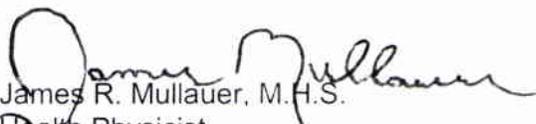
In accordance with our telephone conversation on June 4, 2010, your request dated May 11, 2010, will be finalized in two parts. This amendment fixed the problems you brought to our attention and your request to perform radiological characterization of radiologically impacted areas, etc. was forwarded to Mike McCann of the Region III Decommissioning Branch. You may contact Mr. McCann at 630-829-9856.

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.

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).

Sincerely,



James R. Mullauer, M.H.S.  
Health Physicist  
Materials Licensing Branch

License No. 34-00507-16  
Docket No. 030-05626

Enclosure: Amendment No. 45