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

JUN 01 2009

Trent Trutzel, RSO
Alliant Techsystems, Inc.
Lake City Small Caliber Systems
Lake City Army Ammunition Plant
P.O. Box 1000
Independence, MO 64051-1000

Dear Mr. Trutzel:

Enclosed is Amendment No. 21 amending your NRC Material License No. 24-24576-01 in accordance with your request. Please note that authorization to conduct operational testing and research and development using the custom designed americium-241 gauging device has an expiration date of December 31, 2010. This was discussed during our May 19 telephone conversation. Also, as you are aware, approval to use the custom device on a permanent basis will require that you obtain a sealed source and device registry certification through NRC's headquarters office.

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.

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Sincerely,

Kevin G. Null
Materials Licensing Branch

License No. 24-24576-01
Docket No. 030-28929
Enclosure: Amendment 21

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When separated from this cover letter this letter is uncontrolled.