



ATK Armament Systems
Lake City Ammunition
Lake City Army Ammunition Plant
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Independence, MO 64051-1000

www.atk.com

Alliant Techsystems Inc., Lake City Ammunition Division
P.O. Box 1000
Independence, MO 64051-1000
October 13, 2010

Materials Licensing Branch
U. S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Subject: Amendment 23 to License Number 24-24576-01

Dear Mr. Kevin Null:

We are requesting the following change be made to NRC Materials License Number 24-24576-01. This change is necessary to finalize R&D testing on the Am-241 prototype devices.

- An extension of the R&D Permit License for Am-241, which is be used in a Model 492 custom source housing assembly designed by J.L. Shepherd and Associates as described in letters dated January 28, 2009, and March 23, 2009 for operational performance testing and research and development.
 - This request is for 8 months (August 31, 2011).
 - This request is being made so the inspection system can be fully integrated into an operational production line. Further analysis/development is needed on supply systems (electrical/Air), integration into the Human Machine Interface (HMI) panel view, and communication with other operational systems.

Your favorable review and approval are appreciated. If you have questions, please call me at (816) 796-7101 ex. 7571.

Sincerely,

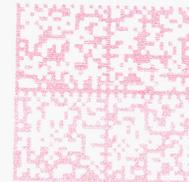
Trent Trutzel
Safety Engineer, RSO

Encl:

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Small Caliber Systems
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