

Alliant Techsystems (ATK) Operations LLC.  
Lake City Army Ammunition Plant  
P.O. Box 1000  
Independence, MO 64051-1000  
June 1, 2016

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

Subject: License Number 24-24576-01 Question Response Letter

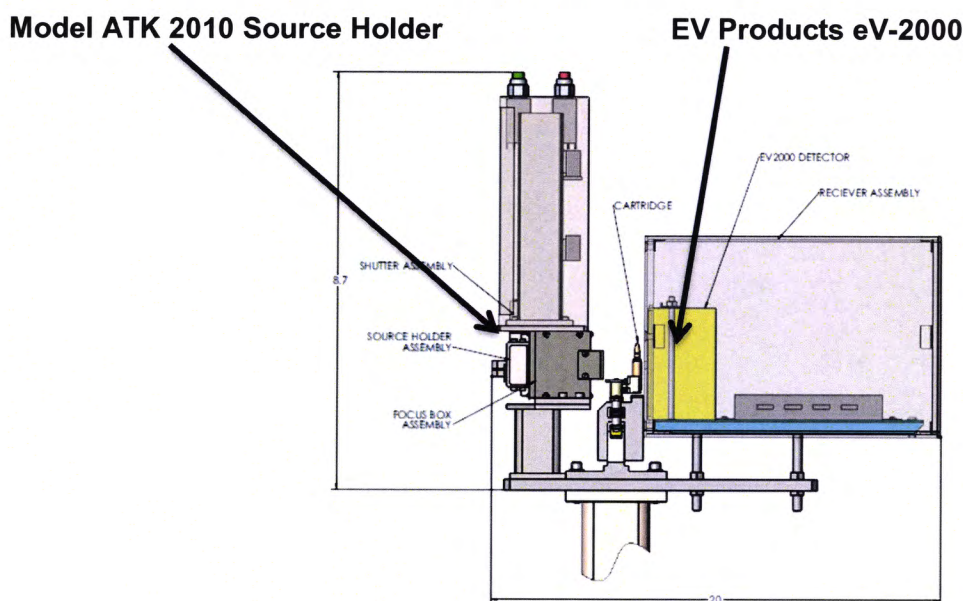
Mrs. Patricia Pelke:

This correspondence is to provide information on an electronic component upgrade we need to complete to our IMAG level and density measurement device. The vendor that supplies the electronic components will no longer support the detection electronics in the current configuration.

The following information is to provide clarification to the actual project:

- The IMAG system consists of the Model ATK 2010 source holder apparatus and a detection system that utilizes the EV Products eV-2000
- The upgrade consists of electrical component changes on the detector and data link that will provide better quality results.
- The electrical component changes will not affect the Model ATK 2010 source holder and doesn't control/affect the shutter mechanisms.
- The original manufacturer, E V Products, will provide the electrical component upgrade and will be on-site acting as consultants during of the installation.
- Dale Wilson is listed on our License as a User and will complete the installation.
- The E V Products part code (eV-2000) for the detector is the same code for the initial version and the upgraded version.

The picture below shows a visual layout of the IMAG Level & Density system:



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[Recipient Name]

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The facility the equipment is located at is the Lake City Army Ammunition Plant in Independence Mo., which is a Government Owned / Contractor ran facility. The government owns the equipment is and is providing funding for the electrical component upgrade. Prior to providing funding for the project, the local Government representatives are requesting we (Alliant Techsystems) confirm a change is not needed to the original material license to upgrade the detector electrical components.

Please provide a written response if a change is needed to the original material license to upgrade the electrical components of the detector.

If you have questions or need additional information, please call me at (816) 504-7535

Sincerely,



Rick Thompson  
Safety Engineer, RSO

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