



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENILLE ROAD  
LISLE, ILLINOIS 60532-4352

JUN 02 2004

Dr. James R. Persoon, Ph.D.  
Radiation Safety Officer  
Alliant Techsystems, Inc.  
ATK Ordnance and Ground Systems, LLC  
TCAAP Building 502, NM30-2530  
Arden Hills, MN 55112

Dear: Dr. Persoon:

Enclosed is Amendment No. 38 to your NRC Material License No. SUB-00971 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

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).

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or [pdr@nrc.gov](mailto:pdr@nrc.gov).

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please do not hesitate to contact me at (630) 829-9856.

Sincerely,

A handwritten signature in black ink, appearing to read "George M. McCann".

George M. McCann, Senior Health Physicist  
Decommissioning Branch

License No. SUB-00971  
Docket No. 040-07982

Enclosure: Amendment No. 38

313898

**MATERIALS LICENSE**

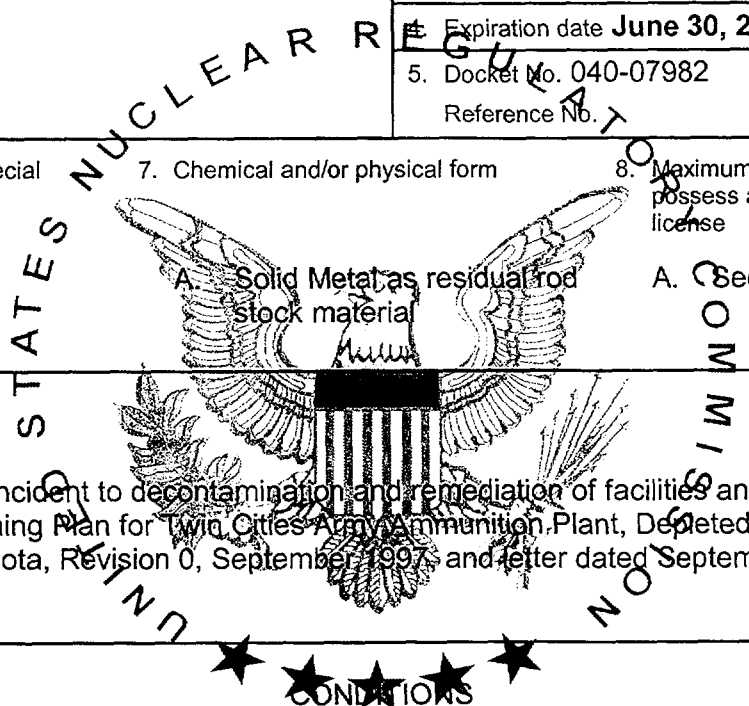
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

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<p>Licensee</p> <p>1. ATK Ordnance and Ground Systems, LLC TCAAP Building 502, MN30-2530</p> <p>2. Arden Hills, MN 55112</p>	<p>In accordance with <b>letter dated</b> <b>June 2, 2004</b></p> <p>3. License number SUB-971 is amended in its entirety to read as follows:</p> <p>4. Expiration date <b>June 30, 2005</b></p> <p>5. Docket No. 040-07982 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium (Depleted)</p>	<p>7. Chemical and/or physical form</p> <p>A. Solid Metal as residual rod stock material</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. See Item 9.A below</p>
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9. Authorized Use:

A. For possession incident to decontamination and remediation of facilities and equipment, as described in Decommissioning Plan for Twin Cities Army Ammunition Plant, Depleted Uranium Facilities, New Brighton, Minnesota, Revision 0, September 1997, and letter dated September 25, 2001, with attachments.

**CONDITIONS**

10. Licensed material shall be used at the licensee's facilities located at:
- Twin Cities Army Ammunition Plant  
Arden Hills, Minnesota
11. A. Licensee decommissioning activities shall be under the management supervision of James R. Persoon, or John R. Hansen.
- B.. The Radiation Protection Officer for the activities authorized by this license is James R. Persoon, Ph.D.
12. Licensed material shall not be used in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
13. The licensee shall assure that end of the day personal contamination surveys of employees leaving restricted areas are performed.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

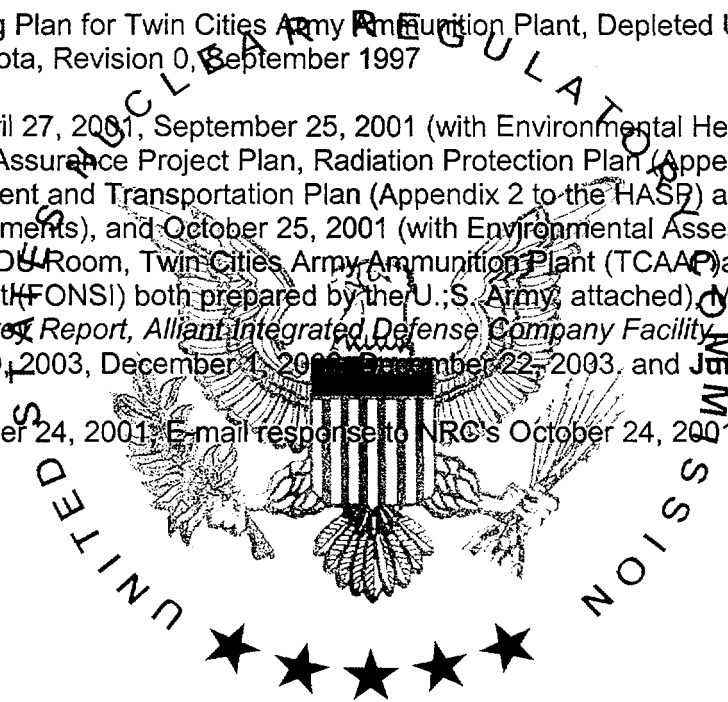
License Number  
SUB-971

Docket or Reference Number  
040-07982

Amendment No. 38

14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated October 31, 2000; and May 1, 2003, and
- B. Decommissioning Plan for Twin Cities Army Ammunition Plant, Depleted Uranium Facilities, New Brighton, Minnesota, Revision 0, September 1997
- C. Letters dated April 27, 2001, September 25, 2001 (with Environmental Health and Safety Plan (HASP), Quality Assurance Project Plan, Radiation Protection Plan (Appendix 1 to the HASP), and Waste Management and Transportation Plan (Appendix 2 to the HASP) attached), and October 9, 2001 (with attachments), and October 25, 2001 (with Environmental Assessment For Demolition of the Building 502 DU Room, Twin Cities Army Ammunition Plant (TCAAP) and Finding of No Significant Impact (FONSI) both prepared by the U.S. Army, attached), May 29, 2002, with enclosed *Final Status Survey Report, Alliant Integrated Defense Company Facility, Hopkins, MN*, dated May 21, 2002, May 20, 2003, December 1, 2003, December 22, 2003, and June 2, 2004.
- D. Licensee's October 24, 2001; E-mail response to NRC's October 24, 2001, Telephone Conversation Record.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 02 2004

By *George M. McCann*  
George M. McCann  
Decommissioning Branch  
Region III