



**APPLICATION FOR MATERIALS
LICENSE**

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

<p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: <i>Br. 2</i></p> <p>IF YOU ARE LOCATED IN:</p> <p>ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,</p> <p>SEND APPLICATIONS TO:</p> <p>LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 210 KING OF PRUSSIA, PA 19406-2713</p>	<p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352</p> <p><i>04008850</i></p> <p>ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,</p> <p>SEND APPLICATIONS TO:</p> <p>NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511</p>
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PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>SUB-1440</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</p> <p>Alliant Techsystems Operations LLC, Missile Products Group Allegany Ballistics Laboratory 210 State Route 956 Rocket Center, West Virginia 26726</p>				
<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>Alliant Techsystems Operations LLC, Missile Products Group Allegany Ballistics Laboratory 210 State Route 956 Rocket Center, West Virginia 26726</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Randy Lancaster /RSO</p> <table border="1"> <tr> <td>BUSINESS TELEPHONE NUMBER (304) 726-5327</td> <td>BUSINESS CELLULAR TELEPHONE NUMBER (240) 727-0696</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS Randy.Lancaster@ATK.com</td> </tr> </table>	BUSINESS TELEPHONE NUMBER (304) 726-5327	BUSINESS CELLULAR TELEPHONE NUMBER (240) 727-0696	BUSINESS EMAIL ADDRESS Randy.Lancaster@ATK.com	
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SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>
<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>	<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p>
<p>10. RADIATION SAFETY PROGRAM.</p>	<p>9. FACILITIES AND EQUIPMENT.</p>
<p>12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)</p>	<p>11. WASTE MANAGEMENT.</p> <p>FEE CATEGORY <input type="text"/> AMOUNT ENCLOSED \$ <input type="text"/></p>

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

<p>CERTIFYING OFFICER – TYPED/PRINTED NAME AND TITLE</p> <p>Randy Lancaster / Radiation Safety Officer</p>	<p>SIGNATURE</p> 	<p>DATE</p> <p>10/37/14</p>
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY				DATE	

REC'D IN LAT 10-31-14

585221

5. Radioactive Material

U-238 Depleted Uranium in the form of Pre-Manufactured Metal Parts, up to a limit of 68,000 Kilograms.

DU consists predominantly of the isotopes U-238, U-235, and U-234
(No Change from Previous Licensing period.)

6. Purpose

Licensed material is to be used for possession, storage, manufacturing and assembly into military munitions as well as the disassembly of munitions. These munitions will be distributed to authorized recipients.

Said munitions and parts are not to be machined or fired.

(No Change from Previous Licensing period.)

7. Personnel

RSO: Randall N. Lancaster

AA degree Allegany Community College in Business

BS degree Frostburg State University in Business with minors in Accounting and Economics

Radiographic Inspection Manager for 37 years

Originally received radiation safety training in 1986

Received Fundamentals of Radiation Safety training from The Radiation Safety Academy-05/04/09

Received 40 hour Radiation Safety Officer training from The Radiation Safety Academy-05/22/09

Certified in house Level 3 Radiographer since 1981

Received 40 hour Radiation Safety Office refresher from The Radiation Safety Academy-05/10/13

Radiation Safety Committee Chairman: Michael C. Smith

Mission Assurance (Non-Destructive Testing) Manager, 2011 – Present

Program Management, 2009 – 2011

Manufacturing Engineering, 2003 – 2009

US Navy, 1988 - 1999

EMBA, West Virginia University

BS Electrical Engineering, West Virginia University

BS Computer Engineering, West Virginia University

AA Computer Science, Potomac State College

Contamination Containment Builder School, US Navy

Nuclear Power School, US Navy

Authorized Users:

David A. Starr

BSME West Virginia University Institute of Technology

MBA Frostburg State University

Process Engineer 1999-2001

Operations Supervisor 2001-2005

Process Engineering 2005-2007

Operations Management 2007 Present

David C. Shafer
High School Graduate
Final Assembly Area Manager – 13 years of experience

Vernon Dale Bowman Jr.
High School Graduate
Allegany College of Maryland
Certification Business Supervision
LOR Leadership Development
Factory Operations Supervisor – 5 years of experience

Leonard W. Gares
AA degree Central Texas College
ATK Operations management – Since 2002
Prior to employment with ATK, Mr. Gares served as a Chief Warrant Officer in the U.S. Army and retired after 21 years of service. His military training included, U.S. Army, Support/Staff Maintenance Technician Warrant Officer Course, Aberdeen Proving Grounds, MD, U.S. Army Total Quality Management for Facilitators, Rock Island, IL, U.S. Army Environmental Protection and Enhancement Course, Fort Sill, OK, U.S. Army Warrant Officer Technical Certification Course, Aberdeen Proving Grounds, MD, and a radiation safety training course provided by the U.S. Army.

8. Training Program

Initial training is performed by qualified Radiation Safety Personnel listed above. This is followed on by an annual refresher class, and training records are maintained by the trainer.

The training program covers

- Fundamentals of Radiation Properties
- Biological Effects
- Protective Measures
- Radiation Measurements
- NRC Regulations, including 10CFR 19, 20, 40 and 71
- Personnel requirements
- Contamination and waste control

(No Change from Previous Licensing period.)

9. Facilities and Equipment

Licensed material is to be stored at the Allegany Ballistics Laboratory – Located at 210 State Route 956 Rocket Center West Virginia 26726.

(No Change from Previous Licensing period.)

10. Radiation Safety Program

We will use instruments that meet the radiation monitoring instrument specifications published in Appendix M to NUREG-1556, Vol. 7 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope,' dated December 1999. We reserve the right to upgrade our survey instruments as necessary.

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all radioactive materials received and possessed under the license.

We will monitor individuals in accordance with the criteria in the section entitled 'Radiation Safety Program Occupational Dose' in NUREG 1556, Vol. 7, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Academic, Research and Development and Other Licenses of Limited Scope,' dated December 1999.

We will survey our facility and maintain contamination levels in accordance with the survey frequencies and contamination levels published in Appendix Q to NUREG 1556, Vol. 7, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Academic, Research and Development and Other Licenses of Limited Scope,' dated December 1999.

The Radiation Safety Program is administered by the personnel listed above to maintain certification and training of individuals involved, dosimetry of all radiation workers and the maintenance of an inventory of all radioactive materials held on this facility.

(No Change from Previous Licensing period.)

11. Waste Management

We will use the model waste procedures published in Appendix T to NUREG 1556, Vol. 7, 'Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope.' Dated December 1999.

(No Change from Previous Licensing period.)

This is to acknowledge the receipt of your letter/application dated

10-27-14, and to inform you that the initial processing which includes an administrative review has been performed.

Renew: SUB-1440
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 585221.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader