

(6-93)  
10 CFR 30, 32, 33  
34, 35, 36, 39 and 40

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 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. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

# APPLICATION FOR MATERIAL LICENSE

**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.**

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| <p><b>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</b></p> <p>DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY<br/>OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS<br/>U.S. NUCLEAR REGULATORY COMMISSION<br/>WASHINGTON, DC 20555-0001</p> <p><b>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</b></p> <p><b>IF YOU ARE LOCATED IN:</b></p> <p>CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:</p> <p>LICENSING ASSISTANT SECTION<br/>NUCLEAR MATERIALS SAFETY BRANCH<br/>U.S. NUCLEAR REGULATORY COMMISSION, REGION I<br/>475 ALLENDALE ROAD<br/>KING OF PRUSSIA, PA 19406-1415</p> <p>ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:</p> <p>NUCLEAR MATERIALS LICENSING SECTION<br/>U.S. NUCLEAR REGULATORY COMMISSION, REGION II<br/>101 MARIETTA STREET, NW, SUITE 2900<br/>ATLANTA, GA 30323-0199</p> <p>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> | <p><b>IF YOU ARE LOCATED IN:</b></p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING SECTION<br/>U.S. NUCLEAR REGULATORY COMMISSION, REGION III<br/>801 WARRENVILLE RD.<br/>LISLE, IL 60532-4351</p> <p>ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING. SEND APPLICATIONS TO:</p> <p>NUCLEAR MATERIALS LICENSING SECTION<br/>U.S. NUCLEAR REGULATORY COMMISSION, REGION IV<br/>611 RYAN PLAZA DRIVE, SUITE 400<br/>ARLINGTON, TX 76011-8064</p> <p>ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:</p> <p>RADIOACTIVE MATERIALS SAFETY BRANCH<br/>U.S. NUCLEAR REGULATORY COMMISSION, REGION V<br/>1450 MARIA LANE<br/>WALNUT CREEK, CA 94596-5368</p> |
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| <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-1435</u></p> <p style="text-align: center;">Possession Only License</p> | <p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)</p> <p style="text-align: center;">U.S. Army Jefferson Proving Ground<br/>Madison, IN 47250-5100</p> |
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| <p>3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p style="text-align: center;">Jefferson Proving Ground<br/>Madison, IN 47250-5100</p> | <p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p style="text-align: center;">Richard H. Herring</p> <p>TELEPHONE NUMBER<br/>(812) 273-7303</p> |
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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.

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| <p>5. RADIOACTIVE MATERIAL.<br/>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time. <u>Supplement A1</u></p>   | <p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.<br/><u>Supplement A2</u></p>                      |
| <p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE. <u>Supplement B1</u></p>  | <p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS<br/><u>Supplement B2</u></p>       |
| <p>9. FACILITIES AND EQUIPMENT. <u>Supplement C</u></p>   | <p>10. RADIATION SAFETY PROGRAM. <u>Supplement A3</u></p>  |
| <p>11. WASTE MANAGEMENT. <u>Supplement D</u></p>  | <p>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)<br/>FEE CATEGORY _____ AMOUNT ENCLOSED \$ _____</p> |
| <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.</p> <p>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, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.</p> <p>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> |  |

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| <p>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</p> <p style="text-align: center;">TERRY M. WEEKLY, COL, OD, Commanding</p> | <p>SIGNATURE</p> <p style="text-align: center;"><i>Terry M. Weekly</i></p> | <p>DATE</p> <p style="text-align: center;">15 AUG 94</p> |
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| FOR NRC USE ONLY |         |              |                 |              |          |
|------------------|---------|--------------|-----------------|--------------|----------|
| TYPE OF FEE      | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|                  |         |              | \$              |              |          |
| APPROVED BY      |         |              |                 | DATE         |          |

## **INDEX OF SUPPLEMENTS**

**Supplement A - Radioactive Material and Purposes for Use**

**Annex 1 - Material**

**Annex 2 - Purpose**

**Annex 3 - Radiation Program**

**Annex 4 - Standing Operating Procedure**

**Supplement B - Responsible Individuals**

**Annex 1 - Experience and Training of Radiation Protection  
Officer and Alternate**

**Annex 2 - Training Course and Briefing**

**Supplement C - Detection Equipment and Facilities**

**Supplement D - Waste Disposal**

**Supplement E - Record of Environmental Consideration**

**SUPPLEMENT A**

**ANNEX 1**

| <b><u>ELEMENT</u></b> | <b><u>CHEMICAL AND<br/>PHYSICAL FORM</u></b> | <b><u>MAXIMUM AMOUNT<br/>TO BE POSSESSED<br/>AT ANY TIME</u></b> |
|-----------------------|--|--|
| Depleted Uranium      | Solid metal alloyed<br>with 0.75% titanium   | 80,000 kg  |
| Depleted Uranium      | Solid metal shield                           | 50 kg  |

## **SUPPLEMENT A**

### **ANNEX 2**

**DEPLETED URANIUM** was used as a component in munitions which were tested at Jefferson Proving Ground (JPG) and as a shield in JPG's industrial x-ray machine. Testing of DU munitions will no longer take place at JPG. Prior to disposal, the x-ray machine will be stored. The only operations that will take place are those necessary for decommissioning.