

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and the applicable parts of Title 10, Code of Federal Regulations, Chapter I, Parts 19, 20, 30, 31, 32, 33, 34, 35, 36, 39, 40, 51, 70, and 71, and in reliance on statements and representations heretofore made by the licensee, a licensee 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.

Licensee			
1.	U.S. Department of the Army	3.	License Number
			SUC-1593
2.	U.S. Army Installation Command 2511 Jefferson Davis Highway Arlington, VA 22202	4.	Expiration Date
			Until terminated
		5.	Docket or Reference Number
			40-9083
6.	Byproduct, Source, and/or Special Nuclear Material: Uranium	7.	Chemical and/or Physical Form: Depleted uranium metal, alloy, and/or other forms
		8.	Maximum Amount that Licensee May Possess at Any One Time Under This License: 8,000 Kg

9. Authorized Use: For possession only. License application dated November 6, 2008.

CONDITIONS

10. Authorized place of use:

Multiple U.S. Army military installations where the M101 spotting round containing depleted uranium was potentially used including Fort Hood, TX; Fort Benning, GA; Fort Campbell, KY; Fort Knox, KY; Fort Carson, CO; Fort Lewis, WA; Fort Riley, KS; Schofield Barracks, HI; Pohakula Training Area, HI; Makua Military Reservation, HI; Aberdeen Proving Ground, MD; and Fort Dix, NJ. Site characterizations are being performed on these installations to determine the presence of depleted uranium. When site characterizations are completed and the presence of depleted uranium is confirmed, the installation will be added to this license. An Environmental Radiation Monitoring (ERM) Plan and a Security Plan will be developed for each installation added to the license. The licensee shall maintain a list of installations containing depleted uranium, their ERM Plans, and a list of the installation Radiation Safety Officers (RSO). The licensee shall submit each installation's ERM Plan sampling results to NRC.

- 11.
- A. Licensed materials shall be kept under the supervision of the RSO, who shall have the following education, training, and experience:
1. Education: A bachelor's degree in the physical sciences, industrial hygiene, or engineering from an accredited college or university or an equivalent combination of training and relevant experience in radiological protection. Two years of relevant experience are generally considered equivalent to 1 year of academic study.
 2. Health physics experience: At least 1 year of work experience in applied health physics, industrial hygiene, or similar work relevant to radiological hazards associated with site remediation. This experience should involve actually working with radiation detection and measurement equipment, not strictly administrative or "desk" work.

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SUPPLEMENTARY SHEET**

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3. Specialized knowledge: A thorough knowledge of the proper application and use of all health physics equipment used for depleted uranium and its daughters, the chemical and analytical procedures used for radiological sampling and monitoring, methodologies used to calculate personnel exposure to depleted uranium and its daughters, and a thorough understanding of how the depleted uranium was used at the location and how the hazards are generated and controlled.

B. The licensee, without prior NRC approval, may appoint a RSO provided a) the licensee maintain documentation demonstrating that the requirements of condition 11A are met and b) the NRC is informed of the name of the new RSO by letter to the Regional Administrator, of the Region where the installation is located, within 30 days of the appointment.

12. 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 NRC's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulation.

A. Application for Materials License dated November 6, 2008.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: _____

Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs