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 Army			3.	License Number	SUB-1435
2.	Rock Island Arsenal 1 Rock Island Arsenal Rock Island, IL 61299-5000			4.	Expiration Date	Until Terminated
				5.	Docket or Reference Number	40-08838
6.	Byproduct, Source, and/or Special Nuclear Material: Source	7.	Chemical and/or Physical Form: Any	8.	Maximum Amount that Licensee May Possess at Any One Time Under This License: No Limit	
	Uranium		Depleted uranium metal, alloy, and/or other forms		80,000 kilograms	

9. Authorized Use: For possession only for decommissioning. License renewal applications dated August 29, 1994.

CONDITIONS

10. Authorized place of use:

A. The licensed material shall be kept onsite, for the purpose of decommissioning, in the restricted area known as the “Depleted Uranium Impact Area”. This area is located north of the firing line, at the Jefferson Proving Ground, in Madison, Indiana 47250.

B. This license has been transferred from the “U.S. Department of the Army, U.S. Army Soldier and Biological Chemical Command, Aberdeen Proving Ground, Maryland 21010-5424” to “U.S. Department of the Army, 1 Rock Island Arsenal, Rock Island, Illinois 61299-5000.”

[Applicable Amendments: 9, 10, 11]

11. A. Licensed materials shall be kept under the supervision of the Radiation Safety Officer, who shall have the following education, training, and experience:

1. Education: A Bachelors 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.

MATERIALS LICENSE

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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 maintains documentation demonstrating that the requirements of condition 11A are met; and b) the NRC is informed of the name of the new RSO within 30 days of the appointment by letter to Document Control Desk, Director, Office of Federal and State Materials and Environmental Management Programs, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001.

[Applicable Amendments: 8, 9, 10, 16]

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

A. Letter and attachments for license renewal dated August 29, 1994,

B. Letter dated May 25, 1995,

C. Application with attachments dated September 29, 1995, and

D. JPG Security Plan included with the letter dated December 10, 2003.

E. Request for change of licensing official and signed NRC Form 313 dated November 8, 2004.

F. Request for change of licensing official and signed NRC Form 313 dated October 25, 2007.

G. Request for change of licensing official and signed NRC Form 313 dated February 4, 2008.

H. New radiation safety plan that replaces the JPG Security Plan of December 10, 2003, with the letter dated June 21, 2013.

I. Request for change of licensing official and signed NRC Form 313 dated June 21, 2013.

[Applicable Amendments: 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 18]

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13. The Army shall submit a Decommissioning Plan for NRC review and approval under an alternate schedule identified in its May 25, 2005, Field Sampling Plan; its responses to action items from a September 8, 2005, public meeting by letter dated October 26, 2005; its Field Sampling Plan addendum dated November 2005 and all subsequent addendums; its responses to NRC's request for additional information by letter dated February 9, 2006; and its May 2, 2012 letter. The Army will also submit an Environmental Report using the guidance in NUREG-1748 for NRC to use in preparing an Environmental Impact Statement. The Decommissioning Plan and Environmental Report will be submitted no later than August 30, 2013.

[Applicable Amendments: 9, 10, 13, 14, 15, 17]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: 11/5/2013

/RA/

Andrew Persinko, 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