NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 08

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, 37, 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.

Licensee	In accordance with letter dated **December 16, 2014,**
1. General Dynamics Land Systems	3. License number SUB-1564 is amended in its entirety to read as follows:
2. 38500 Mound Road Sterling Heights, MI 48310	4. Expiration date December 31, 2024
	5. Docket No. 040-09029 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Depleted uranium	A. Metal encased in stainless steel	A. As needed
B. Transuranics and Technetium-99 contaminants in depleted uranium	B. Contained in depleted uranium metal encased in stainless steel	B. Not to exceed a total of 100 picocuries per gram of each transuranic and not to exceed 500 picocuries per gram total for all transuranics. Not to exceed 500 picocuries per gram of technetium-99
C. Depleted uranium	C. Metal as battle damaged components (stainless steel encasement no longer intact) and related depleted uranium contamination (including contamination from depleted uranium munitions) of M1 Abrams Tanks and other Combat Land Systems	C. As needed
D. Transuranics and Technetium-99 contaminants in depleted uranium	D. Contained in depleted uranium metal as battle damaged components and related depleted uranium contamination (including contamination from depleted uranium munitions) of M1 Abrams Tanks and other Combat Land Systems	D. Not to exceed a total of 100 picocuries per gram of each transuranic and not to exceed 500 picocuries per gram total for all transuranics. Not to exceed 500 picocuries per gram of technetium-99

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
SUB-1564

Docket or Reference Number
040-09029

Amendment No. 08

9. Authorized Use:

A. and B. Installation of new heavy armor packages to M1 Abrams tank system turrets and ballistic targets and for display, demonstration, maintenance and nondestructive operational testing. Also, for removal and packaging for authorized transfer/disposal of intact (encased in stainless steel), depleted uranium heavy armor packages from M1 Abrams Tank System turrets.

C. and D. For repair and/or decontamination of battle damaged M1 Abrams Tanks (including removal of non-intact depleted uranium heavy armor packages from M1 Tank System turrets) and other Combat Land Systems, and packaging for authorized transfer/disposal of the non-intact, bulk depleted uranium and associated waste materials, contaminated with depleted uranium.

CONDITIONS

10. A. Licensed material may be used or stored at the licensee's facilities located at General Dynamics Land Systems, Joint Systems Manufacturing Center, 1161 Buckeye Road, Lima, Ohio.

B. Licensed material may be used or stored at the following licensee's facilities:

(1) General Dynamics Land Systems
Central Office
38500 Mound Road
Sterling Heights, MI 48310-3260

(2) General Dynamics Land Systems
Logistics & Engineering Center
6000 E. 17 Mile Road
Sterling Heights, MI 48078

(3) General Dynamics Land Systems
General Motors Proving Grounds
General Motors Road
Military Building 12
Milford, MI 48380

(4) General Dynamics Land Systems
Joint Systems Manufacturing Center
1161 Buckeye Road
Lima, Ohio 45804

C. Licensed material may be used as described in Item 3.C., of license application dated June 13, 2014, at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. Licensed material shall be used by, or under the supervision of, Boyd H. Rose.

12. The Radiation Safety Officer for this license is Boyd H. Rose.

13. Licensed material shall not be used in or on human beings.

14. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.

15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
SUB-1564

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16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 40.36(b) for establishing financial assurance for decommissioning.

17. 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 U.S. 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 June 13, 2014; and,

    B. **Letter dated December 16, 2014.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 25 2015

By _____
Toye L. Simmons
Materials Licensing Branch
Region III