NRC FORM 374 PAGES OF PAGE 5 Amendment No. 6 U.S. NUCLEAR REGULATORY COMMISSION 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, 70 and 71, 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 letters dated November 30, 2020 and December 14, 2020 United States Army Installation Management 3. Source Materials License No. SUC-1593 is Command administratively amended to revise license condition 18 and update references to license documents 2. ATTN: IMSO, Building 2261, 2405 Gun Shed Road, 4. Expiration date: March 21, 2026 Fort Sam Houston, Texas, 78234-1223 5. Docket No. 040-09083 Amendment No. 6 6. Source Material 7. Chemical and/or physical form 8. Maximum amount that licensee may possess at any one time under this license Uranium (depleted) 5700 Kg, as distributed below Any Installation DU mass (Kg) A. Fort Benning, GA (Georgia) A. 1850 B. Fort Bragg, NC (North Carolina) B. 810 C. Fort Campbell, KY (Kentucky) C. 130 D. 270 D. Fort Carson, CO (Colorado) E. Fort Gordon, GA (Georgia) E. 30 F. Fort Hood, TX (Texas) F. 770 G. 30 G. Fort Hunter Liggett, CA (California) H. Fort Jackson, SC (South Carolina) Η. 30 I. Fort Knox, KY 760 Ι. J. 370 J. Fort Polk, LA (Louisiana) K. Fort Riley, KS (Kansas) Κ. 20 L. 120 L. Fort Sill, OK (Oklahoma) M. Donnelly Training Area, Fort Wainwright, Μ. 20 AK (Alaska) N. Joint Base Lewis-McChord/Yakima N. 340 Training Center, WA (Washington) O. Joint Base McGuire-Dix-Lakehurst, NJ О. 10 (New Jersey) P. 140 P. Schofield Barracks/PTA, HI (Hawaii) 5700 Kg Total

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9.	Authorized Use:		
	Activities necessary for the possession and management fragments as a result of previous use of DU at sites location include:	ted at U.S. Army installations. These activities	
	 A. Activities necessary to maintain the sites in a unauthorized removal of licensed material from B. Activities necessary to determine the presence C. Activities necessary to monitor the radiological authorized places of use to determine if license environment; and 	n the authorized places of use; e of licensed material at the sites; Il environmental conditions in and around the ed material is being transported in the	
	D. Activities necessary for the packaging, transport, and disposal of incidentally identified licensed material to a licensed/permitted disposal facility.		
CONDITIONS			
10.	 The authorized places of use (possession) shall be at U.S. Army installations at Donnelly Training Area, Fort Wainwright, AK, Fort Benning, GA; Fort Bragg, NC; Fort Campbell, KY; Fort Carson, CO; Fort Gordon, GA; Fort Hood, TX; Fort Hunter Liggett, CA; Fort Jackson, SC; Fort Knox, KY; Fort Polk, LA; Fort Riley, KS; Fort Sill, OK; Joint Base Lewis-McChord/Yakima Training Center, WA; Joint Base McGuire-Dix-Lakehurst, NJ; and Schofield Barracks/ PTA, HI. 		
11.	Except as specifically provided otherwise, the licensee s commitments, representations, and statements contained		
Operational Documents:			
•	Programmatic Radiation Safety Plan, "Radiation Safet Command] Ranges Affected by M101 Davy Crockett S December 6, 2019 (Agencywide Documents Access a No. ML20227A010)	Spotting Round Depleted Uranium," dated	
•	 Programmatic Physical Security Plan, "Physical Secur Command Ranges Affected by Depleted Uranium in M December 31, 2015 (ML21165A014) 		
•	Maps of "M101 Impact Areas," dated February 16, 20 map for Range 14 at Yakima Training Center (ML2003		
•	 Revised Final Programmatic Environmental Radiation Approach for Preparation of Installation-specific Environ Specific ERMPs, dated March 18, 2020 (ML21165A01 	Monitoring Plan (ERMP), "Programmatic onmental Radiation Monitoring Plans", and Site- 3)	
•	(ML21049A065)	· · · ·	
•	30, 2020 (ML20339A664) including Statement of Inter	it, dated December 27, 2019	
•	 "The collection of the sediment sample will cor 	sist of a discrete sample at each sample location. 0) will be collected from a 1-meter radius of the	

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• Ji • S M	 rical License documents and Calculations: Ine 1, 2015 License Amendment Application (Packa) Form 313, "Application for Materials License," Attachment 5, "Bounding Calculations Using R (ML15161A459) eptember 30, 2015 (Response to NRC RAIs and Atta L15294A276) Attachment 3, "Calculation of TEDE [Total Efference Receive Highest Dose," (ML15294A278) Attachment 4, "How the Army Determined the (ML15294A278) Attachment 8, "Estimating Public Exposure to Army Pohakuloa Training Area, Hawaii," (ML15294A278) Attachment 9, "Examples of Army Range Fires Attachment 10, "Arguments against Air Sampli Rev. 1," (ML15294A277) Attachment 11, "Calculation of Public Dose' So (ML15294A277) Tatachment 11, "Calculation of Public Dose' So (ML15294A277) 	items 1-7 (ML15161A458) RESRAD 7.0 and RESRAD-OFFSITE 3.1, cachments 3, 4, 8, 9, 10, 11), (Package ective Dose Equivalent] to Individual Likely to M101 DU RCAs [Radiation Control Areas]," Airborne Depleted Uranium Outside the U.S. 5294A277) s," (ML15294A277) ing During HE [High Explosive] Fire into RCAs, COP [Standard Operating Procedure]," ary 29, 2016 (ML16041A107) 016 (ML16048A347), May 24, 2016
	e approved license application is hereby incorporate ense condition(s) below:	d by reference, except where superseded by
Ar Co the of	If the licensee identifies information indicating that Davy Crockett-related DU may be present at a U.S. Army installation not identified in License Condition 10 or included on another U.S. Nuclear Regulatory Commission (NRC) license, then the licensee will notify the NRC in writing within 15 calendar days of the identification of this information and this notice must include a schedule for evaluating the presence of DU. The evaluation schedule should not exceed 90 calendar days from the date of the notification letter.	
Lic the rac as co	is determined that Davy Crockett-related DU is pres- ense Condition 10 or included on another NRC licen installation in this license within 60 calendar days o liation safety, environmental radiation monitoring, ph surance, and the name of the Garrison RSO. Any ac mpliance with License Conditions 9A - 9D that are no erenced in License Condition 11 will also be included	nse, the licensee shall submit a request to include of the determination. The request will address hysical security, decommissioning financial dditional procedures necessary to ensure ot included in the licensee's application
as by	e licensee shall submit an updated site-specific deco surance instrument for each U.S. Army installation lis December 31 st of each year or, if applicable, in acco le 10 of the <i>Code of Federal Regulations</i> (10 CFR) 4	sted in License Condition 10 on a triennial basis, ordance with the requirements of

15. The licensee shall post "Caution - Radioactive Material" signs at a sufficient number of locations around

License Number SUC-1593 Docket or Reference Number MATERIALS LICENSE 040-09083 SUPPLEMENTARY SHEET Amendment No. 6 each the RCA to ensure that individuals entering the RCA are aware of the presence of DU. The signs may be placed at the perimeter of the range impact areas if posting them at the RCA boundary is unsafe due to the presence of unexploded ordnance. 16. Decommissioning is not authorized without NRC approval: The licensee shall not perform any decommissioning or ground disturbing activities to collect or а. remove DU fragments or contaminated soil that is identified during routine range activities at any of the RCAs without prior authorization from the NRC. Picking up incidental pieces of DU that the licensee finds during training exercises would be allowed without NRC approval, if it does not involve ground disturbing activities; b. NRC or Agreement State licensed contractors may undertake decommissioning or ground disturbing activities to collect or remove DU fragments or contaminated soil that is identified during routine range activities at any RCA consistent with the conditions and commitments of their license(s); and C. When the licensee engages an NRC or Agreement State licensed contractor to undertake decommissioning or ground disturbing activities to collect or remove DU fragments or contaminated soil that is identified during routine range activities at any of the RCAs, the licensee will notify NRC in accordance with the requirements of 10 CFR 40.42(g)(1). The licensee shall provide NRC with the contractor's site-specific decommissioning plans and all other documents associated with radiation safety and environmental monitoring associated with the proposed decommissioning or ground disturbing activities in accordance with the requirements of 10 CFR 40.42 prior to the commencement of the activity. If issues are identified by NRC that could impact radiological health and safety, they will be resolved prior to the commencement of the activity. 17. When analytical sampling results from locations outside of the RCA indicate that the uranium-238 to uranium-234 ratio (U-238/U-234) activity ratio exceeds 3, the licensee shall notify NRC within 30 calendar days and collect additional environmental samples within 30 calendar days of the notification of NRC, unless prohibited by the absence of the sampling media (e.g., lack of well water). 18. The Army will sample sediment and surface water semiannually at all installations listed on this license in accordance with the ERMPs and QAPP referenced in License Condition 11. The QAPP includes requirements for the timing of semiannual surface water sampling (i.e., capture lower and higher flow rates) and surface water analytical protocols (i.e., samples preserved in the original sample containers, reported total uranium includes both particle-associated, and dissolved uranium). 19. Licensed materials shall be kept under the supervision of the Radiation Safety Officer (RSO). a. The RSO for this license is Robert N. Cherry, Ph.D., U.S. Army Installation Management Command, IMSO Building 2261, 2450 Gun Shed Road, JBSA Fort Sam Houston, Texas 78234-1223. Letter dated February 24, 2010 (ADAMS Accession No. ML120950352). b. The certifying official on this license is the U.S. Army Installation Management Command (IMCOM) Commander. The U.S. Army shall notify the NRC within 30 days of any change in the

name of the IMCOM Commander by letter to Document Control Desk, Deputy Director, Division of Decommissioning, Uranium Recovery, and Waste Programs, Office of Nuclear Materials

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Safety and Safeguards, Mailstop T5A10, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001.

20. All written notices and reports to NRC required under this license shall be addressed to: ATTN: Document Control Desk, Deputy Director, Division of Decommissioning, Uranium Recovery, and Waste Programs, Office of Nuclear Material Safety and Safeguards, Mailstop T5A10, U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by express delivery to 11545 Rockville Pike, Two White Flint North, Rockville, MD 20852-2738. Required telephone notification shall be made to the NRC Operations Center at (301) 816-5100 for emergencies, or to the NRC License Project Manager.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

June 15, 2021

Signed by Koenick, Stephen on 06/15/21

Stephen Koenick, Branch Chief Low-Level Waste and Projects Branch Division of Decommissioning, Uranium Recovery, and Waste Programs Office of Nuclear Material Safety and Safeguards