NRC FORM 374

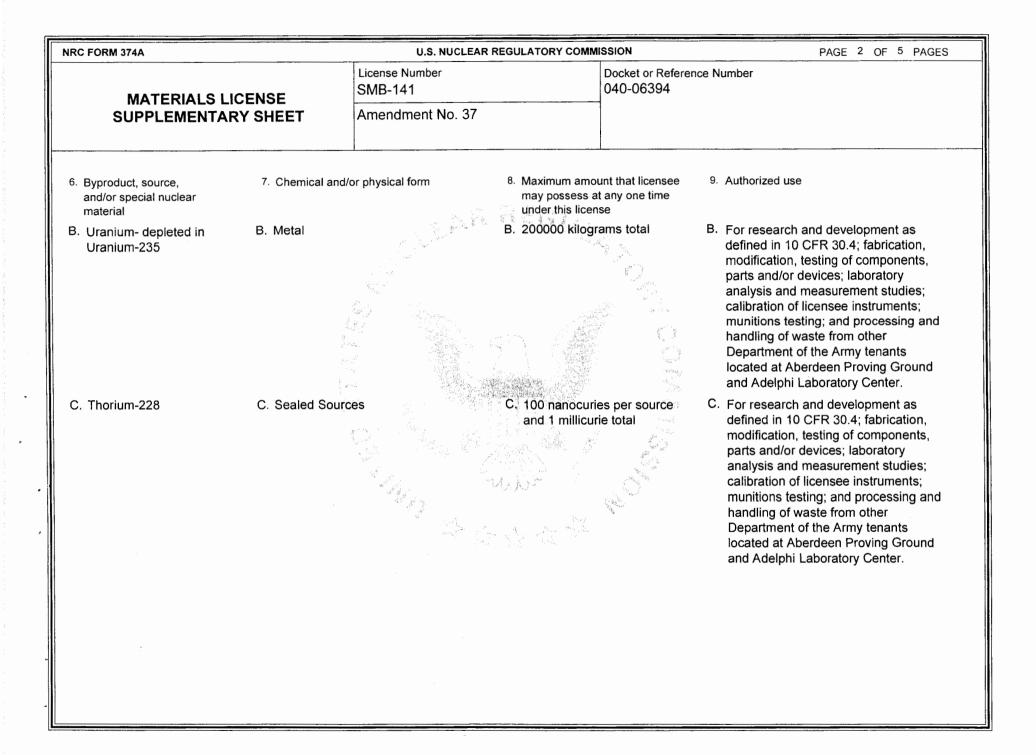
U.S. NUCLEAR REGULATORY COMMISSION

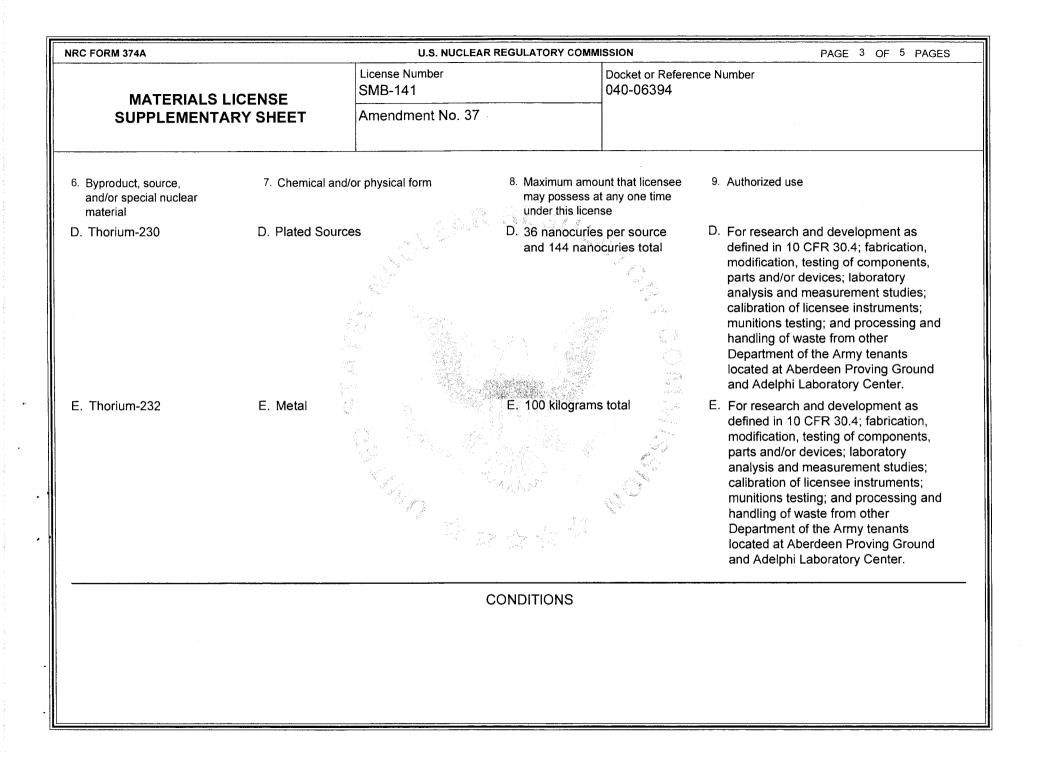
PAGE 1 OF 5 PAGES Amendment No. 37

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 1. Department of the Army		In accordance with letter dated July 29, 2016,	4. Expiration Date: July 31, 2021	
2. U. S. Army Research La 2800 Powder Mill Road Adelphi, MD 20783	aboratory ATTN: RDRL-LO	3. License number: SMB-141 is amended in its entirety to read as follows:	5. Docket No.: 040-06394 Reference No.:	
 Byproduct, source, and/or special nuclear material 	7. Chemical and/or physical for	rm 8. Maximum amount that license may possess at any one time under this license		
A. Uranium-Natural	A. Metal	A. 100 kilograms total	A. For research and development as defined in 10 CFR 30.4; fabrication, modification, testing of components, parts and/or devices; laboratory analysis and measurement studies; calibration of licensee instruments; munitions testing; and processing and handling of waste from other Department of the Army tenants located at Aberdeen Proving Ground and Adelphi Laboratory Center.	





NRC F	ORM 374A	U.S. NUCLEAR REGULATORY COMM	ISSION	PAGE 4 OF 5 PAGES
MATERIALS LICENSE	License Number SMB-141	Docket or Reference Number 040-06394		
	SUPPLEMENTARY SHEET	Amendment No. 37		
10.	Licensed material may be used or stored or Adelphi Laboratory Center, 2800 Powe in the United States	•		
11.	A. Licensed material shall only be used Committee. The licensee shall maint by the individual.B. The Radiation Safety Officer (RSO) for	ain records of individuals designated as		5
		1		
12.	The licensee shall not use the licensed n	naterial in or on humans.	19 day 19 Hard State Constraints March 19	
), several s			
13.	The licensee shall not use licensed mate condition of this license.	rial in field applications where activity is	released except as provided c	otherwise by specific
14.	Sealed sources or detector cells containi	ng licensed material shall not be opened	d by the licensee, except as sp	ecifically authorized.
15.	The licensee shall conduct a physical inv Commission, to account for all sealed so maintained for 3 years from the date of e numbers, and the date of the inventory.	urces and/or devices received and poss	essed under the license. Reco	ords of inventories shall be

RC FORM 374A	U.S. NUCLEAR REGULATORY COMMISSION		PAGE 5 OF 5 PAGES
MATERIALS LICENSE	License Number SMB-141	Docket or Reference Number 040-06394	
SUPPLEMENTARY SHEET	Amendment No. 37		
representations, and procedures cont those procedures that are required to regulations shall govern unless the st more restrictive than the regulations.	ained in the documents, including be submitted in accordance with atements, representations, and pr	nall conduct its program in accordance way enclosures, listed below. This lice the regulations. The U.S. Nuclear Regulation a ocedures in the licensee's application a	nse condition applies only Ilatory Commission's
A. Letter dated May 31, 2011 (ML111	14	and the second sec	
B. Application dated September 18, 2	015 (ML15273A388)		

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

By: Elizabeth Ulrich Region

Date: October 17, 2016