

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, 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	
1. Sensor Concepts & Applications, Inc.	3. License Number: SNM-2017
	Amendment 2
2. 5200 Glen Arm Road, Suite A	4. Expiration Date: December 27, 2021
Glen Arm, Maryland 21057	5. Docket No.: 70-7020

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|------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 6. Byproduct Source, and/or Special Nuclear Material (SNM) | 7. Chemical and/or Physical or Form | 8. Maximum Amount That Licensee May Possess at Any One Time Under This License |
| A. Uranium enriched to [REDACTED] in U-235 | A. Solid uranium metal plates clad in nickel plating | A. [REDACTED] grams U-235 |
| B. Uranium enriched to [REDACTED] in U-235 | B. U ₃ O ₈ discs sealed in stainless steel canisters | B. [REDACTED] grams U-235 |
| C. Uranium enriched to [REDACTED] in U-235 | C. Uranium metal discs sealed in titanium containers | C. [REDACTED] grams U-235 |
| D. Plutonium, PSS-006 | D. Stainless steel-tantalum Encapsulated puck | D. [REDACTED] grams Pu |
9. Authorized use: For use in accordance with the statements, representations, and conditions specified in the licensee's application dated August 18, 2010, (Application and Request for Additional Information Responses) and supplements dated November 12, 2010; February 14, 2011; May 18, 2011; July 7, 2011; October 19, 2011; October 21, 2014; December 17, 2014; and April 22, 2016.
10. Authorized place of use: Sensor Concepts & Applications, Inc.'s, facility located in Glen Arm, Maryland. Temporary worksite authorized at 1000 Virginia International Gateway, Norfolk, VA 23510.
11. Authorized place of storage: Sensor Concepts & Applications, Inc.'s, warehouse located at their facility in Glen Arm, Maryland.
12. Contamination guidelines shall be established for unrestricted release of contaminated material and equipment that are no greater than those identified in the Branch Technical Position, "Guidelines for

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SUPPLEMENTARY SHEET**

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Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," April 1993.

13. Leak tests of special nuclear material sources will be performed consistent with applicable U.S. Nuclear Regulatory Commission (NRC) branch technical positions issued in April 1993, "License Condition for Leak-Testing Sealed Uranium Sources," or "License Condition for Leak-Testing Sealed Plutonium Sources."
14. The licensee is hereby exempted from the requirements of Title 10 of the *Code of Federal Regulations* Section 70.24 for the authorized activities.
15. The licensee will provide to the NRC a copy of the Maryland license (MD-05-193-01) showing the removal of SNM materials on that license prior to receipt of SNM identified under this license.
16. When working at temporary job sites of licensees in possession of the materials identified on this license, SCA Authorized Users and Staff will follow the radiation protection and licensing requirements specific to the site they are working.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: 6/22/2016By: /RA/

Robert K. Johnson, Chief
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards
and Environmental Review
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001