

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 U.S. 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 4
	4. Expiration Date: December 27, 2021
2. 5200 Glen Arm Road, Suite A	5. Docket No. 70-7020
Glen Arm, Maryland 21057	

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| <p>6. Byproduct Source, and/or Special Nuclear Material</p> <p>A. Uranium enriched to Less than 20% in U-235</p> <p>B. Uranium enriched to Less than 20% in U-235</p> <p>C. Uranium enriched to 93% in U-235</p> <p>D. Plutonium, PSS-006</p> | <p>7. Chemical and/or Physical or Form</p> <p>A. Solid uranium metal plates clad in nickel plating</p> <p>B. U₃O₈ discs sealed in stainless steel canisters</p> <p>C. Uranium metal discs sealed in titanium containers</p> <p>D. Stainless steel-tantalum Encapsulated puck</p> | <p>8. Maximum Amount That Licensee May Possess at Any One Time Under This License</p> <p>A.</p> <p>B.</p> <p>C.</p> <p>D.</p> |
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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, April 22, 2016; October 3, 2018 and November 17, 2022.
10. Authorized place of use: Sensor Concepts & Applications, Inc. (SCA), facility located in Glen Arm, Maryland.
11. Authorized place of storage: SCA 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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MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number SNM-2017, Amendment 4	
	Docket or Reference Number 70-7020	

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: December 29, 2022

By: _____

James Downs, Acting Chief
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001