

December 27, 2011

Mr. James Spacco
Radiation Safety Officer
Sensor Concepts & Applications, Inc.
5200 Glen Arm Road, Suite A
Glen Arm, MD 21057

SUBJECT: ISSUANCE OF SPECIAL NUCLEAR MATERIAL LICENSE SNM-2017,
DOCKET NO. 70-7020 (TAC NO. L33019)

Dear Mr. Spacco:

On August 18, 2010, Sensor Concepts & Applications, Inc., (SCA) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) requesting a Special Nuclear Material (SNM) License. The NRC staff accepted SCA's application for review by letter dated February 17, 2011. SCA submitted responses to Requests for Additional Information dated May 18, 2011, July 7, 2011, and October 19, 2011.

The NRC staff completed a Safety Evaluation Report (SER) related to the operation of your facility, which documents the review of the application and the NRC's conclusion regarding issuance of the subject license. The SER is included as Enclosure 2 of this letter. Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70, Materials License SNM-2017 is issued for a 10-year term and expires 10 years from the date of issuance of this letter and the enclosed license.

The NRC staff has incorporated the following Safety Conditions in the license so that it currently reads as:

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; July 7, 2011; and October 19, 2011.
10. Authorized place of use: Sensor Concepts & Applications, Inc.'s, facility located in Glen Arm, MD.
11. Authorized place of storage: Sensor Concepts & Applications, Inc.'s warehouse located at their facility in Glen Arm, MD.
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 Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," April 1993.

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13. Leak tests of SNM sources will be performed consistent with applicable 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* 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.

The licensee is exempt from the requirements of 10 CFR 70.24, in so far as this section applies to materials in License Conditions 6A, 6B, and 6C covered by this license. Enclosed are copies of the SER and the Materials License SNM-2017.

In accordance with 10 CFR 51.22(c)(14)(v) and 51.22(c)(25)(vi)(C), the NRC staff reviewed the license application and exemption request and concluded that the proposed activities are categorically excluded from the requirements of 10 CFR Part 51 and do not require an Environmental Review.

In accordance with 10 CFR, Section 2.390 of the NRC's "Rules of Practice," a copy of this letter and public versions of the license and SER will be available electronically for public inspection in the NRC Public Document Room or from the Publically Available Records System component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Non-public versions of the license and SER will be withheld from public disclosure in accordance with 10 CFR 2.390.

If you have any questions regarding this matter, please contact Marilyn Diaz of my staff at 301-492-3172, or via E-mail at Marilyn.Diaz@nrc.gov. The activity code (TAC No. L33019) will be closed upon issuance of this letter.

Sincerely,

/RA/

Marissa G. Bailey, Deputy Director
Special Projects and Technical Support Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7020

Enclosures:
As stated

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Marissa G. Bailey, Deputy Director
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DATE	11/7/2011	11/8/2011	11/8/2011	12/19/2011	12/27/2011

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