

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.

<p style="text-align: center;">Licensee</p> <p>1. STS International, Inc.</p> <p>2. 1225 South Clark Street Suite 1300 Arlington, VA 22202</p>	<p>In accordance with the letter received May 08, 2018,</p>	<p>4. Expiration Date: May 31, 2026</p>
	<p>3. License number: 47-35296-01 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-38909 Reference No.:</p>

<p>6. Byproduct, source, and/or special nuclear material</p>	<p>7. Chemical and/or physical form</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p>	<p>9. Authorized use</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-35296-01

Docket or Reference Number
030-38909

Amendment No. 2

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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cobalt-60</p> | <p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (Ohmart/Vega Americas Corporation, Model A-2100, A-58804, A-60324)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No Possession Authorized</p> | <p>9. Authorized use</p> <p>A. For use incident to service for other persons as defined in 10 CFR 30.4, associated with Leidos, Inc. (Formerly Science Application International Corporation) Mobile VACIS, Military Mobile VACIS, Relocatable VACIS, VACIS II, VACIS GT, and Vega Americas Inc. SH-## Series devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State for:</p> <ol style="list-style-type: none"> 1) radiation surveys and leak test sample collection; 2) routine maintenance or repair of components related to the radiological safety of the devices; 3) instruction and training of individuals in the use and conducting routine maintenance of the devices. 4) Non-routine maintenance as described in License Condition 15.D. and 15.E. |
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>B. Cesium-137</p> | <p>7. Chemical and/or physical form</p> <p>B. Sealed Sources (Amersham Corporation, Model CDC.700. CD.711m; Minnesota Mining and Manufacturing Co., Model 4F6S; Monsanto Research Company, Model 24148; Vega Americas, Inc., Model A-2102, A-2104)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>B. No Possession Authorized</p> | <p>9. Authorized use</p> <p>B. For use incident to service for other persons as defined in 10 CFR 30.4, associated with Leidos, Inc. (Formerly Science Application International Corporation) Mobile VACIS, Military Mobile VACIS, Relocatable VACIS, VACIS II, VACIS GT, and Vega Americas Inc. SH-## Series devices that have been registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State for:</p> <p>1) radiation surveys and leak test sample collection;</p> <p>2) routine maintenance or repair of components related to the radiological safety of the devices;</p> <p>3) instruction and training of individuals in the use and conducting routine maintenance of the devices.</p> <p>4) Non-routine maintenance as described in License Condition 15.D. and 15.E.</p> |
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CONDITIONS

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10. Licensed material may be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. A. Licensed material for use other than non-routine maintenance, shall only be used by, or under the supervision of, and in the physical presence of, individuals who have received the training described in the application dated February 19, 2016, and have been designated in writing by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
- B. Licensed material for use of performing non-routine maintenance, shall only be used by, or under the supervision of, and in the physical presence of Alfonso Silva or Harold Carter.
12. The Radiation Safety Officer (RSO) for this license is Alan Fellman.
13. Sealed sources or source rods containing licensed material shall not be opened or sources removed from source holders or detached from source rods, by the licensee, except as specifically authorized.
14. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at such other intervals as specified.

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- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. Analysis of leak test samples and/or contamination shall be performed by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is authorized to collect leak test samples but not perform the analysis.
- E. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for 3 years.

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15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated February 19, 2016 (ML16061A250)
 - B. Letter dated April 6, 2016 (ML16109A211)
 - C. Letter received October 24, 2017 (ML17304A636)
 - D. Letter received May 8, 2018 (ML18141A788)
 - E. Letter dated June 11, 2018

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 13, 2018By: Dennis Lawyer
Region 1