

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 03

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.

<p>Licensee</p> <p>1. Leidos, Inc.</p> <p>2. 10740 Thornmint Road San Diego, California 92127</p>	<p>In accordance with the letter dated May 13, 2015</p> <p>3. License number 04-23994-01E is amended in its entirety to read as follows:</p> <p>4. Expiration date October 31, 2020</p> <p>5. Docket No. 030-38634 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cs-137 and Tc-99</p> <p>B. As specified in Section 30.71, Schedule B</p> <p>C. Ba-133</p>	<p>7. Chemical and/or physical form</p> <p>A. Check Sources</p> <p>B. Sealed Sources</p> <p>C. Check Sources</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (See Condition 11)</p> <p>B. Not applicable (See Condition 11)</p> <p>C. Not applicable (See Condition 11)</p>
<p>9. Authorized use:</p> <p>A. In accordance with 10 CFR 32.14, "Certain items containing byproduct material; requirements for license to apply or initially transfer," the licensee is authorized to distribute ionizing radiation measuring instruments IM-239 containing Tc-99, not greater than 0.1 μCi of Tc-99 and IM-272 containing Cs-137 and Tc-99, not greater than 0.1 μCi of Cs-137 and 0.02 μCi of Tc-99, for the purpose of internal calibration or standardization, to persons exempt from the requirements for a license under 10 CFR 30.15(a)(9), or equivalent regulations of any Agreement State.</p> <p>B. In accordance with 10 CFR 32.18, "Manufacture, distribution and transfer of exempt quantities of byproduct material: Requirements for a license," the licensee is authorized to distribute encapsulated check sources, not to exceed the exempt quantities of 10 CFR 30.71, "Schedule B," to persons exempt from licensing under 10 CFR 30.18, "Exempt quantities," or equivalent regulations of any Agreement State.</p> <p>C. In accordance with 10 CFR 32.30, "Certain industrial devices containing byproduct material: Requirements for license to manufacture, process, produce, or initially transfer," the licensee is authorized to distribute the Xpose contraband detector as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR 30.22, or equivalent regulations of any Agreement State.</p>		

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SUPPLEMENTARY SHEET**License Number
04-23994-01EDocket or Reference Number
030-38634

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CONDITIONS

10. The following industrial device containing byproduct material designed and manufactured in accordance with NRC registration certificate No. NR-1373-D-101-E, for the purpose of detecting contraband hidden in compartments, may be distributed according to this license provided the amount of Ba-133 contained in the device does not exceed the amount specified in the following table::

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
Xpose Contraband Detector	10 microcuries (0.37 MBq)

11. This license does not authorize possession or use of licensed material.
12. This licensee is authorized to distribute only from its facility located at 10740 Thornmint Road, San Diego, California.
13. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.16, 32.20, and 32.32(c).
14. Except as specifically provided otherwise by 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. 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 August 17, 2010 (ML102530598);
 - B. Letter dated June 6, 2011 (ML111801397);
 - C. Application dated April 1, 2013 (ML13100A259);
 - D. Letter dated August 14, 2013 (ML13232A271);
 - E. Letter dated September 12, 2013 (ML13262A005);
 - F. Letter dated November 27, 2013 (ML13346A204); and
 - G. Letter dated May 13, 2015 (ML15139A585).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: August 14, 2015By: /RA/

Shirley S. Xu
Materials Safety Licensing Branch
Division of Material Safety, States, Tribal
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555