U.S. NUCLEAR REGULATORY COMMISSION

Amendment 01

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. Science Application International Corp.	In accordance with application dated April 1, 2013
	3. License number 04-23994-01E
2. 10740 Thornmint Road San Diego, California 92127	4. Expiration date October 31, 2020
	5. Docket No. 030-38634 Reference No. 030-38349

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. As specified in Section 30.71, Schedule B, and Section 30.15(a)(9), 10 CFR Part 30	A. Sealed Sources	A. Not applicable (see Condition 11)
B. Ba-133	B. Sealed Sources	B. Not applicable (see Condition 11)

9. Authorized use:

A. Pursuant to Sections 32.14 and 32.18, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute licensed material as specified in 30.71, Schedule B, to persons exempt from licensing pursuant to Sections 30.15(a)(9) and 30.18, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

B. Pursuant to Section 32.30, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," 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 pursuant to 10 CFR Part 30.22, or equivalent provisions of the regulations of any Agreement State.

MATERIALS LICENSE SUPPLEMENTARY SHEET

License Number
04-23994-01E

Docket or Reference Number
030-38634

Reference No. 030-38349

CONDITIONS

10. The following industrial device containing byproduct material designed and manufactured for the purpose of gauging density may be distributed pursuant to this license provided the amount of barium-133 contained in the device does not exceed the amount specified in the following table:

Device Model	Maximum Quantity per Device
Xpose Contraband Detector	10 microcuries (0.37 MBq)

11. This license does not authorize possession or use of licensed material.

12. The licensee is authorized to distribute only from its facilities located at 10740 Thornmint Road, San Diego, California.

13. The licensee shall file periodic reports as specified in Sections 32.16, 32.20, and 32.32(c), 10 CFR Part 32.

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. NR-1373-D-101-E (ML13240A301); and
    E. Letter dated August 14, 2013 (ML13232A271).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 6, 2013

By: **/RA/**

Richard K. Struckmeyer
Licensing Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555