

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	In accordance with letter dated: February 18, 2004
1. Science Application International Corp	3. License number 04-23909-01E is amended in its entirety to read as follows:
2. 16701 West Bernardo Drive San Diego, CA 92127	4. Expiration date October 30, 2013
	5. Docket No. 030-36424 Reference No.

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|---|---|--|
| 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 10) |
| B. Americium-241 | B. Sealed Source (AEA Model AMM or NRD Model A-001) | B. Not Applicable (See Condition 10) |

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 32.26, 10 CFR Part 32, the licensee is authorized to distribute gas and aerosol detectors, as specified in Condition 11, to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

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

CONDITIONS

(Continued)

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
04-23909-01EDocket or Reference Number
030-36424

11. The following gas and aerosol detectors devices may be distributed pursuant to this license provided the amount of americium-241 contained in the devices does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
SCAD	160 microcuries (5.9 MBq)

12. The licensee is authorized to distribute only from its facility located at 16701 West Bernardo Dr, San Diego, CA, and from its Canada division, Exploranium G.S. Ltd, at 6108 Edwards Blvd, Mississauga, Ontario, Canada.
13. The licensee shall submit periodic material transfer reports as specified in Section 32.20, Section 32.16, and in Section 32.29(c) of 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 October 20, 2003;
 - B. Letter dated February 18, 2004;
 - C. Letter dated May 5, 2004; and
 - D. Registration Certificate NR-1212-D-101-E

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date June 15, 2004By /RA/
Xiaosong Yin
Materials Safety and Inspection Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Materials Safety
and Safeguards