



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 9, 2008

Docket No. 03032124
Control No. 141497

License No. 29-28620-02G

Richard Keosian
Radiation Safety Officer
Smiths Detection
30 Technology Drive
Warren, NJ 07059

SUBJECT: SMITHS DETECTION, LICENSE AMENDMENT, CONTROL NO. 141497

Dear Mr. Keosian:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 10

DOCUMENT NAME: C:\FileNet\ML080170193.wpd

SUNSI Review Complete: TThompson

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NAME	TThompson/TKT						
DATE	1/9/08						

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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. Smiths Detection Inc. 2. 30 Technology Drive Warren, New Jersey 07059	In accordance with the letter dated December 21, 2007, 3. License number 29-28620-02G is amended in its entirety to read as follows: 4. Expiration date April 30, 2012 5. Docket No. 030-32124 Reference No.
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6. Byproduct, source, and/or special nuclear material A. As specified in Condition 11	7. Chemical and/or physical form A. As specified in Condition 11	8. Maximum amount that licensee may possess at any one time under this license A. Not applicable
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9. Authorized use:

 A. Pursuant to 10 CFR 32.51, the licensee is authorized to distribute the devices containing sealed sources specified in Condition 11 of this license to persons generally licensed pursuant to 10 CFR 31.5, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The licensee may distribute only from its facilities located at 30 Hook Mountain Road, Pine Brook, New Jersey, 30 Technology Drive, Warren, New Jersey, and 14 Commerce Drive, Danbury, Connecticut.
11. Each device distributed pursuant to the conditions of this license shall be in accordance with the following table:

<u>Device Model Number</u>	<u>Isotope</u>	<u>Source Model Number</u>	<u>Maximum Activity Per Source</u>
IONSCAN Models 100, 200, 250, 350, 400, 500DT, 500HDT, Sabre 2000, Sabre 4000, Sabre Centurion, Sentinel II, and APD 2000	Ni-63	Amersham Corp. Model NBC and NRD Source Model N1001	15 millicuries

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
29-28620-02GDocket or Reference Number
030-32124

Amendment No. 10

12. This license does not authorize possession or use of licensed material.
13. The licensee shall file periodic transfer reports as specified in 10 CFR 32.52(a) and (b).
14. This license does not authorize commercial distribution of licensed material to persons exempt from licensing pursuant to 10 CFR 30.14 through 30.21, inclusive, or equivalent regulations of any Agreement State.
15. This license does not authorize distribution to persons licensed pursuant to 10 CFR 32.72 or 32.74; or to persons exempt from licensing.
16. 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. 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. Letter dated February 27, 2002 [ML020600384]
- B. Letter dated August 23, 2005 [ML052420634]

For the U.S. Nuclear Regulatory Commission

Original signed by Thomas K. ThompsonDate January 9, 2008

By

Thomas K. Thompson
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406