

MATERIALS LICENSE

Amendment No. 03

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, 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.

"OFFICIAL RECORD COPY"

Licensee

1. Sentex Sensing Technology, Inc.

2. 553 Broad Avenue
Ridgefield, New Jersey 07657In accordance with letter dated
January 10, 1985,3. License number 29-20512-01 is amended in its
entirety to read as follows:

4. Expiration date November 30, 1986

5. Docket or
Reference No. 030-193536. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Hydrogen 3

A. Titanium tritide foils
(Safety Light Corporation
Model 508-3)A. Not to exceed
150 millicuries per foil
or 3,000 millicuries
total

9. Authorized use

A. For use in research and development of electron capture detector cells and for the manufacture, service and distribution of SCANEX 1, Model T-54 (SCANEX JR.), SCENTOR, and SCENTOR JR. explosive detectors to persons authorized to receive the licensed material pursuant to the terms and conditions of a specific license issued by the Nuclear Regulatory Commission or an Agreement State.

CONDITIONS

10. Licensed material shall be used only at the licensee's facility at 553 Broad Avenue, Ridgefield, New Jersey.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions, and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by Amos Lindenberg, Ph.D., or S. Bianco.
13. This license does not authorize commercial distribution to persons generally licensed or persons exempt from licensing.
14. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), Title 10, Code of Federal Regulations, Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

29-20512-01

Docket or Reference number

030-19353

Amendment No. 03

(Continued)

CONDITIONS

15. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of licensed material, location of sealed sources and the date of the inventory.
16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated August 31, 1981; and letters dated October 28, 1981, May 10, 1983, August 9, 1983, September 6, 1983, October 15, 1983, May 3, 1984, and January 10, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Original Signed By

By Jenny M. Jehansen

Nuclear Materials and Safeguards Branch
Region I
King of Prussia, Pennsylvania 19406

Date FEB 11 1985