

TTI

030-28689

Trace Technologies, Inc.

P.O. Box 6817, 10 Radcl Avenue
Bridgewater, New Jersey 08807
Telephone (201) 685-2100

August 28, 1990

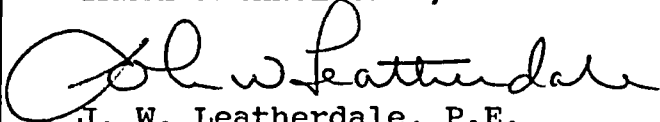
U.S. Nuclear Regulatory Commission, Region 1
Nuclear Materials Safety Section B
475 Allendale Road
King of Prussia, PA 19406

RE: NRC License No. 29-23535-01

Gentlemen,

Please renew our license for the use of a tritium foil
electron capture detector as per our current license
specifications. Enclosed is a copy of the current license,
and a check for \$400.00 to cover the fee.

Very truly yours,
TRACE TECHNOLOGIES, INC



J. W. Leatherdale, P.E.
President

JWL/md

DCN:9008015

LES	SEP-4
Remitter	
Check No.	9905
Amount	\$400
Fee Category	3P
Type of Fee	AMD
Date Check Rec'd.	9/13/90
Date Completed	9/13/90
By:	XK

90 AUG 29 P 4:20

RECEIVED-REGION 1

OFFICIAL RECORD COPY 1110

ENVIRONMENTAL ENGINEERING, SAMPLING, & ANALYSIS
N.J. D.E.P. CERTIFIED LAB NO. 18478

AUG 29 1990

Telecopier:
(201) 685-2219

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, 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); and to import such byproduct and source material. 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. Trace Technologies, Inc.	3. License number 29-23535-01	
2. 10 Radel Avenue Bridgewater, New Jersey 08807	4. Expiration date August 31, 1990	
	5. Docket or Reference No. 030-28689	
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. Hydrogen 3	A. Tritium Foil in AID Model No. 510-6007 Detector	A. Two sources not to exceed 200 millicuries per source
9. Authorized use		
A. For use in Analytical Instrument Development gas chromatograph for sample analysis.		

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities, 10 Radel Avenue, Bridgewater, 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, or under the supervision of, John Leatherdale.
13. Detector cells containing licensed material shall not be opened the foil sources removed from the detector cell by the licensee.
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.
15. The licensee shall conduct a physical inventory every six (6) months to account for all tritium foils 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 tritium foils and the date of the inventory.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

29-23535-01

Docket or Reference number

030-28689

(continued)

CONDITIONS

16. The room in which the electron capture detector is located shall be locked when an authorized person is not present.
17. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
18. 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 May 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

By

John D. Kinnema

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

AUG 15 1985

Date