

## 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). 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 August 30, 1985	
1. Tracer Profiles, Inc.		3. License number 35-21272-01 is amended in its entirety to read as follows:	
2. 8236 Southwest 5th Street Oklahoma City, Oklahoma 73128		4. Expiration date February 28, 1988	
		5. Docket or Reference No. 030-20132	
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. Iodine-131	A. Any	A. 300 millicuries	
B. Iridium-192	B. Any	B. 300 millicuries	
9. Authorized use:		8510230317 850930 REG4 LIC30 35-21272-01 PDR	
A. and B. For use in oil and gas well tracer studies.			

## CONDITIONS

10. Licensed material may be used at Tracer Profiles, Inc., 8236 Southwest 5th Street, Oklahoma City, Oklahoma, and at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
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."

**MATERIALS LICENSE**  
SUPPLEMENTARY SHEET

License number  
35-21272-01

Docket or Reference number  
030-20132

Amendment No. 04

12. Licensed material shall be used by, or under the supervision and in the physical presence of, James M. Gibson, Jack T. Carter, Jr., Barney P. O'Toole, Alexander A. Palmer, Milton Rose, and Kevin J. Palmer.
13. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
  - B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
14. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging and Transportation of Radioactive Material."
15. 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 February 1, 1983; and letters dated July 11, 1983, November 14, 1983, August 10, 1984, and August 30, 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

Date SEP 30 1985

Original Signed By  
Jack E. Whitten

By

Nuclear Materials Safety Section  
Region IV  
Arlington, Texas 76011

Official Record Copy

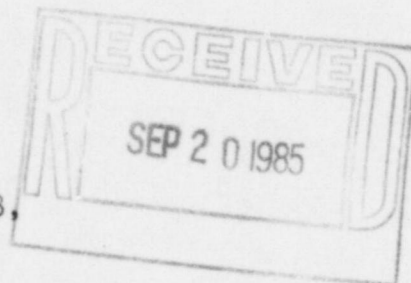
11  
4440



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011

BETWEEN: William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

R. J. Everett, Chief  
Material Radiation Protection Section, TPB,  
DV&TP, RIV



LICENSEE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED

Applicant/Licensee:

Tracer Profiles Inc.

Application Dated:

August 30, 1985

Control No.:

460770

License No.:

35-21272-01 (030-20132)

2. FEE ATTACHED

Amount:

\$170-

Check No.:

2293

3. COMMENTS

LMS 03 ✓

03112  
2/80

Signed

Laura Hurling

Date

September 9, 1985

B. LICENSEE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

5A - \$170

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_

Renewal \_\_\_\_\_

License \_\_\_\_\_

Signed

B. Jackson

Date

9/17/85