



UNITED STATES DEPARTMENT OF JUSTICE
DRUG ENFORCEMENT ADMINISTRATION
Special Testing and Research Laboratory
McLean, Virginia 22102-3494

06 JUN 9 10:29

JUN 05 1986

Ms. Diane Heim
Materials Licensing
U.S. Nuclear Regulatory Commission
Region 2
101 Marietta St., N.W.
Atlanta, GA 30323

Dear Ms. Heim:

As discussed with you, we are requesting two changes to our Materials License, number 45-13356-02, expiration date September 30, 1989:

Section 7 to read "Plated sources in electron capture detectors for Hewlett-Packard gas chromatographs, detector model number 19312."

Section 14 E to read "The licensee is authorized to collect leak test samples for analysis by Nuclear Radiation Developments, Inc., Grand Island, NY, or any other commercial source for this service."

A copy of our license is enclosed for your convenience. Thank you for your assistance in this matter.

Sincerely,

Stanley P. Sobol
Laboratory Chief
Special Testing and Research Laboratory

Enclosure

FEE EXEMPT

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8607090437 860619
REC2 LIC30
45-13356-02 PDR

Official Copy

MATERIALS LICENSE

Amendment No. 04

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

1. U. S. Department of Justice
Drug Enforcement Administration
Special Testing & Research Laboratory
27704 Old Springhouse Road
McLean, Virginia 22101

In accordance with letter dated
September 7, 1984,

3. License number 45-13356-02 is amended in
its entirety to read as follows:

4. Expiration date September 30, 1989

5. Docket or
Reference No.

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. Nickel 63

A. Plated sources in
Gawlett Packard Model
13003-60520 detector
cells

A. Not to exceed 15 milli-
curies per foil

9. Authorized use

A. For use in gas chromatographs for sample analysis.

CONDITIONS

10. Licensed material shall be used only at the licensee's facility at 7704 Old Springhouse Road, McLean, Virginia.

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 Albert N. Sperling, James M. Moore or Charles Harper.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

45-13356-02

Docket or Reference number

Assignment No. 04

CONDITIONS

13. 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.
14. A. Each chromatograph detector containing Nickel 63 shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a detector received from another person shall not be put into use until tested.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the surfaces of the device in which the foil is mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the foil from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the test with the U. S. Nuclear Regulatory Commission, Region II, 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323, describing the equipment involved, the test results, and the corrective action taken.
- D. The licensee is authorized to collect leak test samples for analysis by National Leak Test Center, North Tonawanda, New York.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

45-13356-02

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Amendment No. 04

CONDITIONS

(continued)

15. Detector cells containing licensed material shall not be opened or the foils or plated sources removed from the detector cells by the licensee.
16. The licensee shall conduct a physical inventory every six (6) months to account for all foils and plated 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 byproduct material, location of foils and plated sources, and the date of the inventory.
17. 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 8, 1979 and letter dated September 7, 1984. 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
John W. N. Hickey

Date SEP 21 1984

By _____

Material Licensing Branch
Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555