

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

07-14183-01

Docket or Reference number

030-08063

CORRECTED COPY

Amendment No. 06

State of Delaware
Department of Natural Resources
and Environmental Control
Technical Services Section
P. O. Box 1401
Dover, Delaware 19901

"OFFICIAL RECORD COPY"

In accordance with letter dated June 24, 1985, License Number 07-14183-01 is amended as follows:

Items 6., 7., 8. and 9. are amended to read:

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. Foil contained in Tracor Models 115500, or 111019 detector cells

A. Not to exceed 15 millicuries per foil

B. Cesium 137

B. Sealed source

B. Not to exceed 40 microcuries per source

9. Authorized use

A. For use in gas chromatographs for sample analysis.

B. For use in Beckman Model LS-1000 scintillation counter as an internal calibration source.

Conditions 15. and 17. are amended to read:

15. A. Each chromatograph detector containing Nickel 63 shall be tested for leakage and/or contamination at intervals not to exceed three years. 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 I, 631 Park Avenue, King of Prussia, Pennsylvania 19406, describing the equipment involved, the test results, and the corrective action taken.

D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.

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(continued)

CONDITIONS

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 July 24, 1981, and letters dated October 9, 1984, and June 24, 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:

Laurence F. Friedman, Ph.D.

By

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

Date SEP 13 1985