

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

07-19576-01

Docket or Reference number

030-17902

Amendment No. 02

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Delaware Department of Agriculture
Regulatory Chemical Laboratory
Drawer D
Dover, Delaware 19901

In accordance with letter dated June 16, 1985, License Number 07-19576-01 is amended as follows:

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

- | | | |
|--|---|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Nickel 63</p> <p>B. Nickel 63</p> | <p>7. Chemical and/or physical form</p> <p>A. Foils contained in Nuclear Radiation Development Corporation Model N1001, Amersham/Searle Corporation Model NBC 7020 detector cells</p> <p>B. Foils contained in Tracor Model 115500 detector cells</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 15 millicuries per foil</p> <p>B. Not to exceed 15 millicuries per foil</p> |
|--|---|---|
9. Authorized use
- A. For use in Perkin-Elmer Model SIGMA 1, 2, 3 and 4 gas chromatographs.
- B. For use in Tracor Model 560 gas chromatographs.

Conditions 13. and 17. are amended to read:

13. A. (1) Each chromatograph detector containing Nickel 63 shall be tested for leakage and/or contamination at intervals not to exceed six months, except those detectors in devices as specified by the manufacturer and as authorized by the Nuclear Regulatory Commission may be leak tested 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.
- (2) The periodic leak test required by this condition does not apply to detector cells that are stored and not being used. The detector cells excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
- 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.

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(13.continued)

CONDITIONS

- 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.
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 October 16, 1980, and letters dated October 4, 1983, and June 26, 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:

John E. Glenn

Date AUG 28 1985

By

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