FORM NRC-374C
(1-80)

U. S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE

Supplementary Sheet

License Number 21-13255-01

Docket or
Reference No.

Amendment No. 23

Woodland Medical Group
22341 West Eight Mile Road
Detroit, Michigan 48219

In accordance with application dated October 14, 1980, License Number 21-13255-01 is amended as follows:

Items 6., 7., and 8. are amended to add:

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
F. Americium-241	F. Sealed Source (Amersham Corporation Model No. AMC.24)	F. 14 millicuries

9. Authorized use

F. To be used in Searle Analytic Anatomical Marker Model No. SS-10244.

Subitem 8.B. is amended to read:

8.B. 4 curies of each byproduct material authorized in Subitem 6.B.

Conditions 10. and 16. are amended to read:

10. Licensed material shall be used only at licensee's facilities at 22341 West Eight Mile Road, Detroit, Michigan and at 41935 West Twelve Mile Road, Novi, Michigan.

16. 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 applications dated April 25, 1979 and October 14, 1980; and letter dated November 3, 1980 (with attachment). 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.

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Condition 17. is added:

17. A(1) Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas 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 sealed source received from another person shall not be put into use until tested.

A(2) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources 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 sealed source or from the surfaces of the device in which the sealed source is permanently 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 sealed source 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 five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, 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.

Date DEC 11 1980

For the U. S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY JOHN W. COOPER

by Material Licensing Branch

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

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