

MATERIAL LICENSE

Supplementary Sheet

License Number 45-7548-1
(G65)
Amendment No. 23

Melpar, Incorporated
7700 Arlington Boulevard
Falls Church, Virginia

Attention: Austin G. Roe

In accordance with application dated April 22, 1965, and letter dated May 19, 1965, License No. 45-7548-1 is amended as follows:

To add:

| | | |
|---|---|--|
| <p>6. Byproduct material (element and mass number)</p> <p>I. Americium 241</p> <p>J. Polonium 210</p> | <p>7. Chemical and/or physical form</p> <p>I. Sealed sources (Monsanto Research Corp.)</p> <p>J. Sealed sources (Monsanto Research Corp.)</p> | <p>8. Maximum amount of radioactivity which licensee may possess at any one time</p> <p>I. 200 microcuries; not to exceed 20 microcuries per source</p> <p>J. 200 microcuries; not to exceed 20 microcuries per source</p> |
|---|---|--|

9. Authorized use

I. and J. Research in detection.

Conditions 13 and 14A are amended to read:

13. Byproduct material shall be used by, or under the supervision of, John F. Ambrose, Gerald Halpert, Dr. Frank L. Aldrich, Bruno M. Vasta, Marie Tiner, Victor R. Huebner, Dr. Robert C. McIlhenny, Paul J. Killos, Dr. Earl Usdin, Louis J. D'Antonio, Dr. Vera R. Usdin, Dr. Thomas E. Smith, Sam S. Brody, Harold G. Eaton, Jr., Dr. Marvin J. Bleibert, Dr. John R. Sherman, or Morton Kagan.

14. A. Each sealed source containing byproduct 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, except that each source designed for the purpose of emitting alpha particles shall be tested at intervals not to exceed three months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed source shall not be put into use For the U. S. Atomic Energy Commission

MAY 12 1965

Date _____

Original Signed by
Robert E. Brinkman

Isotopes Branch
by Division of Materials Licensing
Division of Licensing and Regulation
Washington 25, D. C.

PER mak

REP 5/26/65

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