

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

20-02848-03

Docket or Reference number

030-04626

**"OFFICIAL RECORD COPY"** 21

Polaroid Corporation  
300 Fifth Avenue - 5H  
Waltham, Massachusetts 02254

In accordance with letter dated April 30, 1985, License Number 20-02848-03 is amended as follows:

Item 2. (Address) is changed 549 Technology Square, Cambridge, Massachusetts to 300 Fifth Avenue - 5H, Waltham, Massachusetts.

Items 6., 7., 8. and 9. are amend 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. Any byproduct material between Atomic Nos. 1 and 83 inclusive, except as below

A. Any

A. Not to exceed 10 millicuries per radionuclide, total 100 millicuries

B. Iodine 125

B. Any

B. 50 millicuries

C. Hydrogen 3

C. Sealed sources

C. Not to exceed a total of 50 curies

D. Iron 55

D. Sealed sources (New England Nuclear Models NER-460 or NER-462)

D. Not to exceed 100 millicuries per source and 2 curies total

E. Nickel 63

E. Plated sources (Hewlett Packard Model 2-6195 and /or equivalent)

E. Not to exceed 15 millicuries per source

F. Americium 241

F. Sealed sources (New England Nuclear Model NER 476A)

F. Not to exceed 1 curie per source and total

9. Authorized use

A. and B. Research and Development as defined by Section 30.4(q), 10 CFR, Part 30.

C. Contained in luminous signs/markers as New England Nuclear Model NEP-1, and/or Canrad Precision Instruments, Inc. betalights, and/or Self-Powered Lighting, Ltd., beta light markers.

D. For use in x-ray fluorescence analyzers.

E. For use in gas chromatography units.

F. For use in x-ray fluorescence measurements.

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Amendment No. 21

(continued)

**CONDITIONS**

Conditions 10., 12. and 20. are amended to read:

10. Licensed material shall be used only at the licensee's facilities, 545, 565, 575 Technology Square, 2-28 Osborn Street, 730-750 Main Street, and 784 Memorial Drive, Cambridge, Massachusetts; 1265 Main Street, 868 Winter Street, 45 and 103 Fourth Avenue, and 300 and 400 Fifth Avenue, Waltham, Massachusetts; 1 Upland Road, Norwood, Massachusetts; 100 Duchaine Boulevard, New Bedford, Massachusetts; and 38 Henry Street, Cambridge, Massachusetts.
12. A. Licensed material shall be used by, or under the supervision of, A. Brian Holland, Ph.D., Henning Hachmann, Ph.D., Mei-Chang Kuo, Ph.D., Boris Levy, Ph.D., Frances G. Forster, William A. Burgess, M.S., or individuals approved by the Radiation Safety Officer.
- B. The Radiation Safety Officers for the activities authorized by this license are Frances G. Foster, M.S., and William A. Burgess, M.S.
20. 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 20, 1983, letters dated November 16, 1983, April 30, 1985 and August 13, 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:

Jack Davis

By

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

Date

AUG 20 1985