

Form AEC-313  
(8-64)  
10 CFR 30

UNITED STATES ATOMIC ENERGY COMMISSION  
**APPLICATION FOR BYPRODUCT MATERIAL LICENSE**

614268  
Form approved.  
Budget Bureau No. 38-R027

**INSTRUCTIONS.**—Complete Items 1 through 16 if this is an initial application or an application for renewal of a license. Information contained in previous applications filed with the Commission with respect to Items 8 through 15 may be incorporated by reference provided references are clear and specific. Use supplemental sheets where necessary. Item 16 must be completed on all applications. Mail two copies to: U.S. Atomic Energy Commission, Washington, D.C., 20545, Attention: Isotopes Branch, Division of Materials Licensing. Upon approval of this application, the applicant will receive an AEC Byproduct Material License. An AEC Byproduct Material License is issued in accordance with the general requirements contained in Title 10, Code of Federal Regulations, Part 30, and the Licensee is subject to Title 10, Code of Federal Regulations, Part 20.

1. (a) NAME AND STREET ADDRESS OF APPLICANT. (Institution, firm, hospital person, etc. Include ZIP Code.)

Eastman Kodak Company  
Rochester, New York 14650

(b) STREET ADDRESS(ES) AT WHICH BYPRODUCT MATERIAL WILL BE USED. (If different from 1(a). Include ZIP Code.)

See Item 11, original license

2. DEPARTMENT TO USE BYPRODUCT MATERIAL

Eastman Kodak Company Processing  
Laboratories other than those in  
agreement states

3. PREVIOUS LICENSE NUMBER(S). (If this is an application for renewal of a license, please indicate and give number.)

Renewal of: 31-461-10

4. INDIVIDUAL USER(S). (Name and title of individual(s) who will use or directly supervise use of byproduct material. Give training and experience in Items 8 and 9.)

Personnel designated by:  
Radiation Protection Committee  
Eastman Kodak Company  
R. F. Scherberger, Secretary

5. RADIATION PROTECTION OFFICER. (Name of person designated as radiation protection officer if other than individual user. Attach resume of his training and experience as in Items 8 and 9.)

R. F. Scherberger

6. (a) BYPRODUCT MATERIAL. (Elements and mass number of each.)

Hydrogen-3

(b) CHEMICAL AND/OR PHYSICAL FORM AND MAXIMUM NUMBER OF MILLICURIES OF EACH CHEMICAL AND/OR PHYSICAL FORM THAT YOU WILL POSSESS AT ANY ONE TIME. (If sealed source(s), also state name of manufacturer, model number, number of sources and maximum activity per source.)

A) Sealed Sources (New England Nuclear Corp. Model NEP-1)      A) 300 sources of  
1 millicurie each  
Total - 300 millicuries

7. DESCRIBE PURPOSE FOR WHICH BYPRODUCT MATERIAL WILL BE USED. (If byproduct material is for "human use," supplement A (Form AEC-313a) must be completed in lieu of this item. If byproduct material is in the form of a sealed source, include the make and model number of the storage container and/or device in which the source will be stored and/or used.)

To be used as luminescent light sources for darkroom markers.

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# EASTMAN KODAK COMPANY

ROCHESTER, NEW YORK 14650

PLEASE ADDRESS REPLY TO  
KODAK PARK WORKS

TELEPHONE  
AREA CODE 716 GLADSTONE 8-1000

March 21, 1968

United States Atomic Energy Commission  
Division of Materials Licensing  
Isotopes Branch  
Washington, D. C. 20545

Gentlemen:

Enclosed is our application to renew our AEC By-Product Material License No. 31-00461-10. This license permits us to use small 1 mCi. tritiated luminous buttons in our photographic processing laboratories located in non-agreement states.

Should any questions arise concerning this application please do not hesitate to call me (Area Code 716, 458-1000, Ext. 76637).

Very truly yours,



Richard F. Scherberger, Secretary  
Radiation Protection Committee

RFS:bwd

Address inquiries to:

Richard F. Scherberger  
Eastman Kodak Company  
Laboratory of Industrial Medicine  
Kodak Park Works - Building 2  
Rochester, New York 14650

DUPLICATED  
FOR DIV. OF COMPLIANCE

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Kodak  
TRADEMARK