Form AEC-313 (5-58) ATOMIC ENERGY COMMISSION

## APPLICATION FOR BYPRODUCT MATERIAL LICENSE

Form approved. \*Budget Bureau No. 38-k027.4

INSTRUCTIONS.—Complete Items 1 through 16 if this is an initial application. If application is for renewal of a license, complete only Items 1 through 7 and indicate new information or changes in the program as requested in Items 8 through 15. Use supplemental sheets where necessary, Item 16 must be completed an all applications. Mail three copies to: U. S. Atomic Energy Commission, Washington 25, D. C. Attention: Isotopes Branch, Division of Licensing and Regulation. 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, (b) STREET ADDRESS(ES) AT WHICH BYPRODUCT MATERIAL WILL DE USED. (IF person, etc. THE HARSHAW CHEMICAL COMPANY 1945 East 97th Street Cleveland 6. Ohio 2. DEPARTMENT TO USE BYPRODUCT MATERIAL 3. PREVIOUS LICENSE NUMBER(S). (If this is an application for renewal of a license, please indicate and give number.) Crystal 4. INDIVIDUAL USER(S). (Name and title of individual(s) who will use or directly 5. RADIATION PROTECTION OFFICER (Name of person designated as radiation prosupervise use of byproduct material. Give training and experience in Items 8 and tection officer if other than individual user. Attach resume of his training and experience as in Items 8 and 9.) L.D. Davis 6. (a) BY PRODUCT MATERIAL (Elements (b) CHEMICAL AND/OR PHYSICAL FORM AND MAXIMUM NUMBER OF MILLICURIES OF EACH CHEMICAL AND/OR PHYSand mass number of each.) ICAL 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.)
- DESCRIBE PURPOSE FOR WHICH SYPRODUCT 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.)

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ON TO BE SUB	MITTED ON ADDIT	TIONAL SHEETS		
	dling equipment, storage	containers, shielding, fun	ne hoods, etc. Expli	anatory sketch
adiation protection pr d experience of person	ogram including control to perform leak tests, a	measures. If application and arrangements for perfe	covers sealed source arming initial radiatio	es, submit leak in survey, serv-
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