

7 ~~_____~~ at his request. m. 37-2416-1

INSTRUCTIONS: Complete Items 1 through 19 if this is a new application. If renewal is requested, complete only Items 1 through 11 provided that with respect to the other items there has been no change in the information previously submitted. Mail two copies to: U. S. Atomic Energy Commission, P. O. Box E, Oak Ridge, Tennessee, Attention: Isotopes Extension, Division of Civilian Application. Upon approval of this application, the applicant will receive an AEC Byproduct Material License. General requirements for issuance of an AEC Byproduct Material License are contained in Title 10, Code of Federal Regulations, Part 30.

1. (a) NAME AND SHIPPING ADDRESS OF APPLICANT (Institution, firm, hospital, person, etc.)
 Curtiss-Wright Corporation Research Div.
 Nuclear Power Department
 Quehanna, Penna. Attn: C. J. Roberts

(b) ADDRESS AT WHICH BYPRODUCT MATERIAL WILL BE USED (If different from shipping address)
 Same

2. DEPARTMENT TO USE BYPRODUCT MATERIAL
 Nuclear Power Department

3. INDIVIDUAL USER (Name and title of individual(s) who will use or directly supervise use of byproduct material)
 G. Smith

4. RADIOLOGICAL SAFETY OFFICER (Name of person qualified in radiological safety, if other than individual user)
 C. J. Roberts

5. PREVIOUS LICENSE OR AUTHORIZATION NUMBER (If this is an application for renewal of a license for byproduct material obtained under a prior license or authorization for radiisotope procurement)
 29-460

BYPRODUCT MATERIAL OR IRRADIATION SERVICE DESIRED

6. BYPRODUCT MATERIAL (Element and mass number) Fe ⁵⁵	7. CHEMICAL AND/OR PHYSICAL FORM (Or catalog number) Fe Cl ₃ in HCl solution Fe-55-P	8. MAXIMUM AMOUNT OF RADIOACTIVITY IN MILLICURIES THAT YOU WILL POSSESS AT ANY ONE TIME 1 mc.
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9. IF IRRADIATION SERVICE IS DESIRED, STATE PERTINENT DETAILS SUCH AS: CHEMICAL COMPOSITION AND WEIGHT IN GRAMS OF TARGET MATERIAL, RADIOACTIVITY, IRRADIATION TIME IN DAYS, AND NEUTRON FLUX

STATEMENT OF USE

10. (a) DESCRIBE PURPOSE FOR WHICH BYPRODUCT MATERIAL WILL BE USED. (If material is for "human use" complete Supplement A in lieu of this item. If material is to be used in or manufactured as a "sealed source" complete Supplement B in addition to this item.)
 To be deposited on planchets for the testing of proportional counters.

(b) DESCRIBE PROCEDURES WHICH WILL BE OBSERVED TO MINIMIZE HAZARD FROM HANDLING, STORAGE, AND DISPOSAL OF THE BYPRODUCT MATERIAL
 Fume hood techniques will be observed for the deposition of the material. Planchets will be handled with tweezers only. Contamination checks will be made frequently. Final disposal through a recognized disposal agency.

CERTIFICATE

11. The applicant and any official executing this certificate on behalf of the applicant named in Item 1, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and do solemnly swear (or affirm) that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

State of _____
 County of _____
 Subscribed and sworn to before me this _____ day of _____

Curtiss-Wright Corporation
 Applicant named in Item 1
 By: *M. T. Beaw for C. J. Roberts*
 Radiological Safety Officer
 Title of Certifying Official
 May 16, 1957
 Date

Notary Public _____

WARNING
 18 U. S. C., Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.