

INDIANA UNIVERSITY  
BLOOMINGTON, INDIANA

OFFICE OF THE TREASURER

January 11, 1957

United States Atomic Energy Commission  
Oak Ridge, Tennessee

Atten: John Mattox  
Re: File No. 17  
AEC licenses 13-108-1 & 13-108-3

Gentlemen:

With reference to Cecil R. Buchanan's letter of November 28, and our telephone conversation, we are submitting a new application form No. 313 asking that you amend the license for our Chemistry Department (13-108-1), so it may be used as a broad specific license.

In explanation, the Radioisotope Committee will consist of the following: L.L. Merritt, Jr., chairman, Felix Haurowitz, C.S. Rohrer, and R.L. Seifert.

The Isotope Committee will have general responsibility for screening and approving all requests for isotopes issued from this department. It would establish standards for the proper storage, use, and final disposal of all radioactive materials procured by the department and advise the chairman of the Department of any infractions of such standards. The departmental chairman will then take any action necessary to rectify such infractions and enforce compliance with the regulations. Also, the committee will keep suitable records of the receipt of radioactive materials, the location of same in the department, and the final disposal of the materials. Through cooperation with the Radiological Safety Officer the committee will adopt reasonable safety measures and take all steps necessary to enforce compliance with such measures.

We will appreciate a review of this application and the subsequent amending of our license 13-108-1. If there are any questions, please do not hesitate to contact the writer.

Very truly yours

INDIANA UNIVERSITY  
Purchasing Department

By

R. M. Priest, Buyer

RFP/ml  
Enclosure

13-108-1

(JNM)  
12-19-56

Phone Call fm: Mr. R. M. Priest, Indiana University, Bloomington, Ind. regarding License No. 13-108-3.

Mr. P. stated that this license had been issued in error by us instead of amending -1 as they desired. We had been in further error, he stated, by only issuing for Cadmium 115 and leaving off the large number of additional byproduct materials requested on the attached sheet to the 313. (-3 license had been Control No. 2866). Jerry Steerman discussed this matter in quite some detail with Mr. P. since he had issued this license and had written him a cover letter of November 28. Mr. P. stated that someone else in AEC (I presume the Chicago Operations Office, Division of Inspection) had also written him concerning mixed fission products which they had received and pointed out that their present -1 license would not cover this.

In our discussion frequent reference was made concerning a visit by LRR several months ago to the Indiana University in order to discuss the issuance of a single broad license which would cover their entire campus. However, at that time it had been decided that they did not wish to have such a license issued but would like to see three separate limited broad licenses issued to cover various departments which used radioisotopes. Subsequently -2 limited broad license was issued to Dr. Mitchell of the Physics Department. Mr. Priest had not been able to see LRR during visit and I believe Dr. Mitchell was out of town. Mr. P. stated that -2 license was quite satisfactory and he would now like to see similar licenses issued to ~~Physics and~~ Chemistry Department (which would supersede -1 and -3) and later one issued to cover the Biology, Zoology and Physiology departments. We discussed the fact that it would be possible to issue such licenses but department level radioisotope committees would have to be formed and very close possession limits would have to be decided upon. It was suggested to him that possession limits on the order of 50 mc for each byproduct material between Atomic Nos. 3 to 83 inclusive with a total possession limit of 5 curies of all such material might be appropriate. Therefore, we can expect to receive from him in the very near future such an application from the Chemistry Department and at that time -1 and -3 should be superseded and in all probability issued to Dr. E. Campaigne.