

OIF;REC

Oak Ridge, Tennessee
May 20, 1955

Mr. E. L. Etzmann
Alco Scientific Division
A. E. Alco Company
5655 Kingsbury
St. Louis 12, Missouri

Subject: REQUEST FOR INFORMATION

Dear Mr. Etzmann:

We would like to acknowledge your letter with regard to the specifications and recommendations for laboratory equipment used in radioisotope work.

The type of facilities and equipment necessary for working with radioisotopes depends upon the type and level of activity that is to be used. The primary requirement is that the materials used be resistant to the type chemicals that are to be handled and the surfaces should be impervious and easily decontaminated. Much of the equipment, especially for low level work, is similar to that used for ordinary chemical laboratories except added emphasis is placed on chemical resistance and decontaminability.

Since individual requirements do vary considerably we are enclosing staff papers which outline the general features that are considered desirable in equipment and facilities for various types of laboratories. Additional copies of the enclosed reports can be purchased by writing to the Office of Technical Services, Department of Commerce, Washington 25, D. C.

We trust that this is the information which you had in mind. Please feel free to contact us if you have more specific problems along this line.

Very truly yours,

Richard E. Cunningham
Assistant Field Representative
Radiological Safety Branch
Isotope Division

Cunningham/msb

OFFICE	Isotopes				
SURNAME	1. Design of Laboratories for Safe....				
DATE	2. Equipment for Radioisotope.....				
Form AEC-518	3. Facilities and Equipment for Isotope Program				