

# THE CHRIST HOSPITAL / CINCINNATI, OHIO 45219

December 1, 1983

United States Nuclear Regulatory Commission, Region III  
Materials Licensing Branch  
Attention: William J. Adam, Ph.D.  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Dr. Adam:

Regarding your letter dated November 9, 1983, and your conversation with Mr. Bloomfield concerning the amendment request (Control No. 75642) to The Christ Hospital Byproduct Materials license (No. 34-03831-02) you will find enclosed a list of those individuals who will be using  $^{75}\text{Se}$  for non-human research and a description of their training and experience.

A response to the items dealing with incineration of contaminated animal tissue is forthcoming.

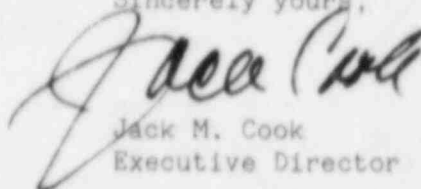
We would like to begin research with  $^{75}\text{Se}$  as soon as possible and can temporarily store the contaminated biological material on site until such time as the items concerning incineration have been submitted and approved. Storage will be accomplished in the freezers which have been designated for the storage of radioactive materials. One freezer is in the hot lab. The other freezer is in room 219 which is adjacent to the laboratory where the research will be performed.

This on-site storage will necessitate an increase in our original estimate of the activity of  $^{75}\text{Se}$  on hand at any one time. Therefore, we request a possession level of 3.0 millicuries of  $^{75}\text{Se}$ .

Please direct any requests for further information to the attention of Joseph L. Sall, Staff Medical Physicist, Department of Radiation Medicine.

Thank you for your attention to this matter.

Sincerely yours,

  
Jack M. Cook  
Executive Director

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1. Ann B. Bjornson, Ph.D. Title: Member and Director Division of Immunology. Social Security No.: 277-40-0127; Date of Birth: 7-30-44. Experience: 15 years of research experience with  $^{14}\text{C}$ ,  $^{125}\text{I}$ ,  $^{51}\text{Cr}$ ,  $^3\text{H}$ ,  $^{75}\text{Se}$ . Dr. Bjornson is the principal investigator in this research project.
2. Patricia I. Magnafichi, B.A. Title: Research Associate. Social Security No.: 303-62-4843; Date of Birth: 2-28-55. Experience: 6 years of research experience with  $^{125}\text{I}$ ,  $^{51}\text{Cr}$ ,  $^3\text{H}$ ,  $^{14}\text{C}$ ,  $^{75}\text{Se}$ , and completion of a Radiation Safety course at the University of Cincinnati College of Medicine (4-29-79). Ms. Magnafichi will be involved in the use of  $^{75}\text{Se}$  under the direction of Dr. Bjornson.
3. J. Scott Cardone, B.S. Title: Research Assistant. Social Security No.: 274-70-2162. Date of Birth 3-28-61. Experience: 3 months of research experience with  $^{125}\text{I}$  and  $^3\text{H}$ . Mr. Cardone's work with isotopes is under the direct supervision of P.I. Magnafichi and A.B. Bjornson. In addition, Mr. Cardone will receive ongoing training from the Radiation Safety Officer at The Christ Hospital Institute of Medical Research. Mr. Cardone will be involved in the use of  $^{75}\text{Se}$  under the direction of Dr. Bjornson.