

INTER-OFFICE MEMORANDUM

237-26-43

DATE March 21, 1950

TO: John H. Manley
 FROM: Elizabeth R. Graves
 SUBJECT: COGAN CATARACT RESEARCH PROGRAM
 REFERENCE: LAB-P-3

Dr. Hausner has contacted Dr. Cogan and forwarded the following information concerning plans for the experimental program on radiation cataracts produced by neutrons. Dr. Cogan already is conducting a similar program in Boston using X rays. It is his desire to set up the details of the experiment after talking with personnel of the Physics and Health Division in the Laboratory after his arrival early in the summer.

At present he estimates the needs to be roughly as follows: the total for the year would be not more than 300 rabbits perhaps only 150. The life of the rabbits before killing for examination would be between two and six months. The first batch of forty rabbits would be needed about three weeks after his arrival and another forty about three weeks after that.

A cost estimate may be derived from the following considerations. The initial price of rabbits is \$0.65 per pound and animals run from three to five pounds each. Hence one rabbit costs approximately \$2.60 or the total cost of 300 rabbits is \$780 (150 rabbits = \$390). Maintenance costs on rabbits according to Dr. Lushbaugh runs \$0.10 per day per rabbit (including janitor service). On an expected life span of four months this amounts to \$12 per rabbit for maintenance or \$3600 for 300 rabbits (\$1800 for 150 rabbits). Hence, a 300 rabbit year might be expected to cost a cash outlay of \$780 plus \$3600 equalling a total of \$4380. Since irradiations do not involve any cash outlay this may be taken as a fair estimate of the yearly cash outlay of the experiment. It is hoped that this can be borne by the Laboratory.

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