

REPOSITORY PNL  
 COLLECTION I-131 Atmosphere  
 BOX No. IC Nelson  
 FOLDER N/A

April 29, 1963

F. Swanberg, Jr.  
 Manger - Internal Dosimetry

MONTHLY SUMMARY OF ACTIVITIES  
APRIL, 1963

1. Part 3 of the I<sup>131</sup> Studies in man was concluded and Part 4 was started. Part 4 involves uptake studies from consumption of milk from cows fed larger than usual amounts of I<sup>127</sup> in addition to I<sup>131</sup>.
2. Examination of ~~DELETED~~ as a participant of the Iodine Studies disclosed an anomalous amount of I in his thyroid. This was determined to have been due to inhalation of I while assisting in an inhalation study for dogs at Biology. The details have been reported previously.
3. Photographs were taken in black and white and color of the Whole Body Counter facility for use as illustrations in papers and talks.
4. The Tritium dose calculation program was given a debug run with two months of data. The program is apparently working well. One more debug run for confirmation of performance is planned before the program will be called operational. Data for this run is being collected.
5. An Internal Dosimetry self appraisal audit program for Pu was put into place.
6. Instructions were given to R. M. Allen for the complete renewal of the construction bioassay address system. A complete list of current construction workers and their addresses was received and verification of radiation numbers from External Dosimetry was requested.

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Activity for May.

1. Continue development of definite of IDO's Data Processing needs.
2. Continue I Studies in Man.
3. Make the Tritium Program operational.
4. Organize and store all analytical cards in Microscopy.
5. Have a program built to inventory all bioassay samples processed in IBM since 1958.
6. Write Ringold paper.

  
Senior Engineer  
Internal Dosimetry

I Nelson:jk

cc: Route IDO  
Letterbook

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