

PNL-9689

712544

August 30, 1962  
REPOSITORY

PNL

COLLECTION I-131 Atmosphere

BOX No. IC Nelson

FOLDER N/A

F. Swanberg, Jr.  
Manager-Internal Dosimetry

MONTHLY REPORT  
AUGUST, 1962

1. The broad study of plutonium in man continued. A literature search was initiated which will attempt to substantiate the present state of the art of body burden determination through excretion rate studies. Some pieces of literature were received and reviewed. Concurrently new and/or different solutions are being sought to the problem of determining body burdens in the case of radionuclides having no appreciable gamma ray emission.
2. The possible need to leave the cell door of the Whole Body Counter open when counting children prompted a study to determine the change in background due to different openings of the door. A door opening of 8 inches which involved an increase of 20 to 30% in background was considered appropriate. Results of the study were presented to interested persons by letter.
3. A letter stating the present knowledge of the variation of stable sodium in man was issued. Results of the search were reported with the July activities report.
4. Activity regarding development of a suitable technique for counting children in the Whole Body Counter was instigated.
5. Continued as RPO Accent on Value panel member.

Senior Engineer  
Internal Dosimetry

IC Nelson:kd

cc: Letterbook  
File

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