

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

PNL-9690 DEL

October 3, 1962

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Manager-Internal Dosimetry

MONTHLY REPORT  
SEPTEMBER, 1962

1. The study of literature associated with plutonium in man continued.
2. A review of ~~DELETED~~ excretory data was started. Of significance was the observation that about 80 per cent of what was excreted via the urine in the first 100 days post intake was excreted in the first eight days. It also appears that, for urinary excretion, DTPA treatment given after the first week or so post intake is of marginal worth. Further manipulation of both urinary and fecal data is planned.
3. Became actively engaged in the current I-131 studies both as examiner and examinee.
4. Installed a closed circuit television system in the Whole Body Counter facility. The principal use of this device is for observation of children while they are being counted.
5. Initiated a program of examination of children for I-131 in their thyroids. Twenty-eight such examinations were conducted during the month of September. Evaluation of results is not completed at this time.

  
Senior Engineer  
Internal Dosimetry

IC Nelson:kd

cc: File

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