

PNL-10342 -  
DEL

721255

REPOSITORY PNL  
COLLECTION Ringold Study  
BOX No. N/A  
FOLDER N/A

February 4, 1963

DELETED

Keen, Washington

Dear DELETED :

Attached are the reports of the Hanford Whole Body Counter examinations for you and . . . . . As shown on your oscilloscope photographs and the report, there was little in the way of radioactive material in either of you. Your examination was of particular interest since you are an ardent steelhead fisherman.

I'm sorry DELETED did not feel like coming in. Should she want to be examined at some future time we would be pleased to have her.

I am also enclosing a copy of an aerial photograph which I thought you might find interesting. Unfortunately, it only includes a small portion of your property.

Thank you again for your participation in our examination program.

Sincerely,

Engineer  
Internal Dosimetry  
RADIATION PROTECTION

IC Nelson:ld

Attachments

bcc: RF Foster  
AR Keene  
IC Nelson-File  
F Swanberg, Jr.  
WBC-File

BEST COPY AVAILABLE

1155345

DELETED

HANFORD WHOLE BODY COUNTER EXAMINATION

This is the report of your recent examination in the Hanford Whole Body Counter on 1-5-63. The information is provided for your personal information. We hope you found the examination in the Whole Body Counter interesting and pleasant.

As explained in the brochure, while the Counter is an extremely sensitive device, it does not detect the presence of every radionuclide which could be in your body. The radionuclides listed are those which were detected. Column 1 lists the name of each radionuclide which was detected. Column 2 lists the quantity of the radionuclide detected expressed as a percent of that quantity recommended by the National Committee on Radiation Protection and Measurements (NCRP) as permissible for individuals in the population at large.

The NCRP is composed of over one hundred persons recognized as expert in some technical aspect of radiation protection. Included are scientists from universities, industry and governmental agencies. The NCRP functions under sponsorship of the National Bureau of Standards (NBS) which issues the recommendations of the NCRP as NBS handbooks. These handbooks are available to the public through the Superintendent of Documents, Washington 25, D. C. Copies of NCRP recommendations are also available for reference at the Hanford Whole Body Counter.

RESULTS

<u>Column 1</u>	<u>Column 2</u>
Potassium-40	Naturally occurring - no limit specified
Zinc-65	0.17%
Cesium-137	0.22%

The actual quantity of radioactive material in a human body is expected to vary, even from day to day. It depends on a number of factors, including dietary habits of the individual, where he has lived, his age, his weight, the extent of fallout from atmospheric nuclear weapons testing, as well as the characteristics of the radionuclide itself.

Radiation Protection Operation  
General Electric Company  
Richland, Washington

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RESULTS

<u>Column 1</u>	<u>Column 2</u>
Potassium-40	Naturally occurring - no limit specified
Zinc-65	0.09%
Cesium-137	0.26%

The actual quantity of radioactive material in a human body is expected to vary, even from day to day. It depends on a number of factors, including dietary habits of the individual, where he has lived, his age, his weight, the extent of fallout from atmospheric nuclear weapons testing, as well as the characteristics of the radionuclide itself.

Radiation Protection Operation  
General Electric Company  
Richland, Washington