

SAN FRANCISCO NAVAL SHIPYARD  
SAN FRANCISCO 24, CALIFORNIA

19-4(00032)  
(390)/Kh

JAN 23 1948

~~CONFIDENTIAL~~

From: Commander, Naval Shipyard, San Francisco  
To: Chief of the Bureau of Ships (Code 400-889)  
Chief of the Bureau of Medicine and Surgery (Code 74)  
Chief of the Bureau of Aeronautics (Code AB45)  
Chief of the Bureau of Yards and Docks (Code 04)

Subj: Monthly Progress Report of Radiation Laboratory for Month of December 1947; Submission of.

Ref: (a) BuShips-BuMed SECRET ltr S(99) BuShips ser. 005200, BuMed ser. 005001 of 13 February 1947.

Encl: (A) Radiation Laboratory Administrative Progress Report for Month of December 1947.

not attached = (B) Radiation Laboratory Technical Progress Report for Month of December 1947.

attached = (C) Radiation Laboratory Radiological Safety Progress Report for Month of December 1947.

2. Enclosures (A), (B) and (C), reporting progress of the Radiation Laboratory for the Month of December 1947 are submitted herewith in compliance with reference (a).

*Philip [Signature]*  
PHILIP [Signature]

Contains no U.S. Navy Classified Information

LAW OPNAVINST 5513.16

Signature: *James [Signature]*

Code: N312Q Date: 8 Feb 45

Radiation Laboratory Medical Monthly Progress Report for December 1947.

1. SUMMARY OF ACTIVITIES OF THE RADIOLOGICAL HEALTH SECTION

(A) Radiological Safety

1. Physical Examinations

24/12/11  
(a) 47 initial examinations and 60 rechecks examinations were made by the Radiological Health Officer at this activity. 29 physical examinations and 2 rechecks were given to students at the Damage Control School at Treasure Island.

2. Inspections

(a) Weekly inspections of all Radiological facilities were conducted from the standpoint of radiological safety. There were no major discrepancies noted.

3. Facilities

(a) Work is progressing on the remodeling of the Decontamination Center (Bldg. 507).

4. Lectures

(a) Lectures on Radiological Safety have been given once a week to Shipyard personnel who are directly concerned with Shipyard hazards.

(B) Dosimetry

1. 348 film badges have been developed. No overdoses were noted.

(C) Clinical Radiochemistry

1. Radiochemical analysis of 55 urine samples have been finished and alpha counts completed on each sample.

2. Testing and application of methods for analysis for Pu and fission elements in clinical biological material continued with favorable progress.

3. Six human urine samples (from normal males with no radiation exposure) were tested to determine how much radioactivity is normally present.

4. Various procedures were unsuccessfully tried in determining the window thickness of three experimental Geiger-Mueller tubes.

(D) Training

1. Mr. Shapiro (Biological Section civilian employee) is conducting a series of lectures on electronics. A course of lectures on practical counting methods was given by Lt. Morrison.