

SAN FRANCISCO NAVAL SHIPYARD
 SAN FRANCISCO 24, CALIFORNIA

19-4(00032)
 (390)/Kh

JAN 29 1948

[REDACTED]

From: Commander, Naval Shipyard, San Francisco
 To: Chief of the Bureau of Ships (Code 400-689)
 Chief of the Bureau of Medicine and Surgery (Code 74)
 Chief of the Bureau of Aeronautics (Code 1B45)
 Chief of the Bureau of Yards and Docks (Code 24)

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

Ref: (a) BuShips-BulMed SECRET ltr S(29) BuShips ser. 005000, BulMed
 ser. 005001 of 18 February 1947.

Encl: (A) Radiation Laboratory Administrative Progress Report for
 Month of December 1947.
 (B) Radiation Laboratory Technical Progress Report for Month
 of December 1947.
 (C) Radiation Laboratory Radiological Safety Progress Report
 for Month of December 1947.

NOT ATTACHED

1. 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 L. ...
 PHILIP L. ...

Contains no U.S. Navy Classified Information

IAW OPNAVINST 5513.16

Signature: *James Water CAPT USN*

Code: *N312Q* Date: *8 Feb 95*

1. SUMMARY OF ACTIVITIES OF THE RADIOLOGICAL HEALTH SECTION

(A) Radiological Safety

1. Physical Examinations

(a) 47 initial examinations and 50 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.