

PROPOSITOR LOS ALAMOS NATL
COLLECTION LA
TR 5/87
OPERATION CROSSROAD

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UNCLASSIFIED

Subject: Itinerary of Training Group.

MEMORANDUM to the Files, Medical Section.

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1. In compliance with orders from the Commander of Task Force One (Crossroads), a group of approximately 30-40 officers will be organized for training in medical safety and radiation monitoring. This group, under the command of Colonel S. L. Warren, will be composed of eight (8) medical officers attached to the Manhattan Engineer District from the U.S. Navy; two (2) medical officers attached (unassigned) to the Manhattan Engineer District from the Army Air Forces; two (2) medical officers attached to the Manhattan Engineer District from the U.S. Public Health Service and nineteen (19) medical officers assigned to the Manhattan District from the U.S. Army. (First inclosure includes name, rank and serial number of all officers.)

2. Formal training of this group will begin on 15 January 1946, at Clinton Engineer Work, Oak Ridge, Tennessee. From 15 January - 25 January preliminary theoretical indoctrination in basic physics and nuclear physics will be conducted. From 28 January - 8 February medical hazards in plant production will be discussed by the Medical Directors of Carbide & Carbon Chemical's Corporation and Monsanto Chemical Company plants on the area. Inspection trips through the local plants of Carbide & Carbon Chemicals Corporation, Monsanto Chemical Company and Tennessee Eastman Company will be made at this time also.

3. Further brief training, particularly in the biologic aspects of radiation, will be carried on at the district installations at the University of Rochester and University of Chicago. In these installations, animal experiments on inhalation, ingestion and exposure to uranium and plutonium products, will be observed and clinical and pathologic material will be studied.

4. A short intensive training program in damage control aboard ship will be given the group in Philadelphia by naval officers. This will also include an inspection of the German cruiser Prinz Eugen at the Philadelphia Navy Yard. Particular attention will be paid to safety measures in control of gases aboard ship.

5. For the above training (paragraphs 3 & 4) the entire group will be divided in two parts. Group I will be in Philadelphia from 17-18 February, Rochester 17-23 February and Chicago 23-28 February. Group II will be in Chicago 12-18 February, Philadelphia 19-22 February, and Rochester 24-28 February.

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Classification change by authority of the Atomic Energy Commission,
Per R. W. Kohn 10/11/61
By M. J. Suda 10/11/61
(Signature of person making the change, and date)

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6. The entire group will reassemble in Los Alamos, New Mexico, between 3 and 5 March for review of basic nuclear physics and field instruction in the methods and instruments for radiation monitoring. This instruction will be given by Drs. Large, Hempleman, Nolan, Langhan and Hoffman at both the project at Los Alamos and the experimental area at Alamogordo Air Base in New Mexico. Approximately one half of the time will be spent at Los Alamos and one half at Alamogordo.

7. The group, with some probable later additions including physicists and additional physicians, will leave Los Alamos on or about 25 March 1946 for Berkeley, California. A seven to ten day staging period will take place in Berkeley. During this time overseas inoculations will be given; instructions in the biologic effects of fission products will be given by Dr. Joseph Hamilton of the University of California Medical School staff; conferences will be held with the Marine Biology group under the direction of Dr. Lauren Donaldson of the University of Washington; and all arrangements for equipment for the overseas phase of the operations will be completed in Berkeley.

8. The entire radiation safety group will board a hospital ship at either San Francisco or Berkeley between April 5 and 8 to proceed to Pearl Harbor in order to join the general Task Force One by 15 April 1946. (Certain civilian monitor personnel and other key military personnel may go by air from Hamilton Field, California, directly to Kwajalein or Bikini some time after 1 May 1946.

9. Conferences will be conducted aboard the hospital ship for the purpose of intimately acquainting all monitor personnel with their specific duties. These conferences will continue until the time of the scheduled tests.

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PERSONNEL FOR RADIATION SAFETY
SECTION UNCLASSIFIED

Public Health Service

Commander Edwin G. Williams
Lt Commander Allen B. Eschenbrenner

U. S. Navy

Commander Bugene P. Harris
Lt Commander Robert A. Conard
Lt. William A. Wulfman
Lt Thomas G. Hennessey
Lt Eldred W. Barnes
Lt Wayne A. Chadbourn
Lt Ervin S. Bills
Lt Ralph D. Ross

U. S. Army

Lt Col John K. Talbott
Maj William W. Stone
Capt Birchard K. Brundage
Capt William R. Clarkson
Capt Francis E. Donoghue
Capt Daniel H. Cahoon
Capt Herbert Phillipsborn
Capt Douglas L. Wake
Capt William K. Riley
Capt Fred A. Bryan
Lt Grover C. Carter
Lt Rodney Stoltz
Lt David J. Bradley
Lt Charles K. Wells
Lt Meredith Mallory
Lt Rex L. Huff
Lt William A. Scantland
Lt Frank C. Larson
Lt Joseph E. Coleman
Lt Sheldon E. Krasnow
Lt Mort H. Mosely
Lt Melvin A. Block
Lt Thomas J. Madden
Lt Royce D. Tebbett

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