

SECOND QUARTER
FY 1961

QUARTERLY HISTORICAL REPORT

OFFICE
OF
SPECIAL ASSISTANT TO COMMANDING GENERAL
FOR
RADIOLOGICAL AFFAIRS

incl II'

2Q FY61 SPEC ASST RA

Command Historical Office, CBDCOM
Edgewood Arsenal, MD
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CHAPTER I

POLICY

ADMINISTRATION.

1. RESPONSIBILITIES.

The Office of Special Assistant for Radiological Affairs is the principal consultant to the Commanding General on radiological problems and coordination of all phases of activities, responsibilities and operations of the Headquarters' mission which involve sources of ionizing radiation. The responsibilities are defined in the Organization and Functions Manual of this Headquarters and in Army Chemical Center Radiation Manual, dated 15 August 1960.

2. ADDITIONAL RESPONSIBILITIES.

There was no change in the additional responsibilities of this office during the reporting period.

CHAPTER II

PERSONNEL

A. CHANGES IN KEY PERSONNEL.

In order to fill the vacancy created by the reassignment of Colonel Charles Robbins, Major Howard G. Schade, 033311, was assigned Acting Special Assistant for Radiological Affairs per paragraph 6, SO 159, this Headquarters, dated 12 September 1960.

B. PERSONNEL STRENGTH.

1. MILITARY.

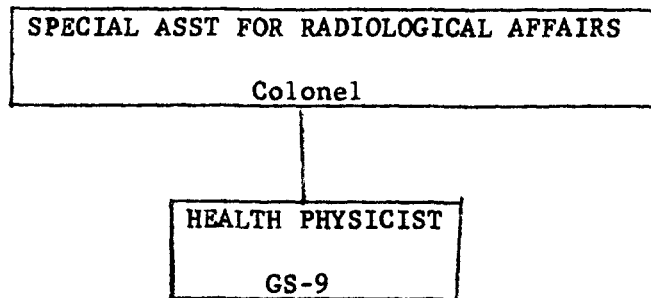
<u>RANK</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Colonel	1	0

2. CIVILIAN.

<u>GRADE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
GS-9	1	1

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C. ORGANIZATION CHART.



CHAPTER III

PLANS

A. TRAINING PLANS.

1. Origin of Plans. On 25 October 1960, this Headquarters requested a slot be obtained for Mr. D. N. Taras, this Office, to attend "Course No. 4813 Radiation Hygiene Measurements" to be given 17 April - 12 May 1961 at New York University. A slot was also requested on 7 November 1960 for Mr. Taras to attend the "Radiological Health and Protection Course" to be given at the U. S. Army Environmental Hygiene Agency, 16 January 1961 thru 20 January 1961.

2. Status of Plans. The Training Branch, Civilian Personnel, this Headquarters, is processing necessary application to receive approval for proposed training.

B. RESEARCH AND DEVELOPMENT PLANS.

1. Origin of Plans.

a. On 30 November 1960, this Headquarters requested engineering assistance from U. S. Army Chemical Corps Engineering Command to devise a procedure, acceptable to the U. S. Atomic Energy Commission, to enable U. S. Army Depots to repair and/or replace damaged silver chains and tags of the Radioactive Source Sets, M3.

b. Experience has shown that the main cause of unserviceability of the Source Set, M3, has been the breakage of the silver chain joining the source capsule to the lifting ring.

c. The U. S. Atomic Energy Commission requires that repair or replacement of the chains on the lifting ring be accomplished by returning the Source Sets to the manufacturer. Since each set weighs 90 pounds, a substantial transportation and handling expense is involved in returning these sets from all over the world to the manufacturer.

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2. Status of Plan.

Still in the development stage.

CHAPTER IV

OPERATIONS

A. NONCOMBAT PERSONNEL DOSIMETRY.

1. Because this Headquarters considered Radioactive Test Samples M1, M2, M3, M4 and M5 to present a negligible external radiation hazard, a request was forwarded to The Surgeon General on 21 October 1960 to obtain a waiver from the need to use film badges while handling these test samples.

2. On 9 November 1960, the waiver was granted. By the end of November, this Headquarters had informed all major Army areas of this waiver.

3. Since film badges are issued to named individuals and numerous records must be kept as to the exposure, regardless of the value, registered on the film badge, incalculable paper work was eliminated as a result of this waiver.

B. LICENSING ACTIVITIES.

1. Radioactive Waste Disposal. In November 1960, HQ, USARPAC and HQ, USARAL were requested to process applications to obtain AEC Licenses to authorize Schofield Barracks, Hawaii and Fort Richardson, Alaska to accumulate and process unwanted radioactive material for land burial at the National land burial site located at the National Reactor Test Site, Idaho Falls.

2. Applications Processed. During the period covered by this report, applications were processed by this office to license:

a. Rocky Mountain Arsenal to possess and use a height-of-fill machine containing approximately 400 millicuries of cesium-137.

b. Department of the Army to increase the quantity of cobalt-60 it possessed in the form of standard Chemical Corps radioactive items.

3. Licensing Assistance. At the request of Commanding General, U. S. Army Chemical Corps Research and Development Command, Washington, D. C., Mr. D. N. Taras, this office, visited Dugway Proving Ground 4 thru 7 October 1960 to assist R&D Command in obtaining an AEC License for the proposed Radiological Warfare Test Facility.