

COPY

~~SECRET~~

This document consists of 2 pages
No. 3 of 3
Received in AEC TMI Unit
March 16, 1954 at 1:12 am

#419

403339

EH-30-00000158-91

CRYPTO WAR SVC 8850 RELAYS SECRET RESTRICTED DATA MSG DTG 150401Z FROM NAVSTA
KWAJALEIN TO AEC WASH, USS ESTES INFO CJTF-7 ENIWETOK, PATROL SQUADRON 671,
COFS DEPTAR AND JTF-7 REAR. 15 MARCH PASTORE, HOLIFIELD, AND STAFF VISITED
KWAJALEIN AND HEARD FROM MEDICAL TEAM PROJECT 4.1 STUDYING RESIDENTS MOVED FROM
RONGELAP AND UTIRIK. ALSO VISITED DISPLACED PERSONS QUARTERED THERE. SUMMARY
OF FINDINGS FOLLOWS:

1. UTIRIK GROUP, APPROXIMATELY 150, SHOW NO EVIDENCE OF ANY SORT OF OVEREXPOSURE TO RADIATION. UTIRIK IS 270 NAUTICAL MILES EAST OF BIKINI AND EXPOSURE BEGAN APPROXIMATELY H+22 HOURS. CUMULATIVE EXPOSURE ESTIMATED AT 17r. NATIVES REMOVED H+78.
2. RONGELAP GROUP, COMPRISING 64 RESIDENTS, SHOWS DEFINITE LABORATORY EVIDENCE OF MILD RADIATION INJURY AS DEMONSTRATED BY MODEST DECREASE IN WHITE BLOOD CELLS. NO OTHER SIGNS, NOR ANY DEFINITE SYMPTOMS OF RADIATION INJURY HAVE APPEARED ALTHOUGH SLIGHT LOSS OF HAIR MAY OCCUR IN A FEW. REPORT OF VOMITING BY 2 NATIVES DURING FIRST 48 HOURS, AND OF NAUSEA AMONG SOME OTHERS IS OF UNCERTAIN SIGNIFICANCE; THERE HAS BEEN NO REAPPEARANCE OF THESE SYMPTOMS. THESE RESIDENTS RECEIVED APPROXIMATELY 125r CUMULATIVE. EXPOSURE BEGAN H+5 HOURS ESTIMATED, AND RESIDENTS WERE REMOVED H+50. DISTANCE FROM DETONATION 90 NAUTICAL MILES.
3. AILINGINAE GROUP, COMPRISE 18 RONGELAPIANS VISITING UNINHABITED ISLAND, SHOW LESS LABORATORY EVIDENCE THAN RONGELAP GROUP. NO OTHER SIGNS AND NO SYMPTOMS AT ANY TIME OF RADIATION ILLNESS HAVE APPEARED. EXPOSURE

0000437

~~RESTRICTED DATA~~

~~SECRET~~

This document contains restricted data as defined in the Atomic Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

REPOSITORY: Record Holding Area
DOE Records Center, GERDANTOWN Md.

COLLECTION: 896 Dg. Collection MARSHALL IS
Declassified Feb/Mar 1994

BOX No. _____

~~SECRET~~

APPROXIMATELY 71st CUMULATIVE ~~SECRET~~ 90 NAUTICAL FROM DETONATION.
AILINGINAE SLIGHTLY SOUTH OF RONGELAP. EXPOSURE BEGAN H+6 HOURS;
RESIDENTS REMOVED H+58.

4. RONGERIK GROUP, COMPRISING 3 ARMY AND 25 AIR FORCE PERSONNEL, NOT EXAMINED BY PROJECT 4.1 ALTHOUGH CLINICAL FINDINGS REPORTED FROM ENIWETOK AS NEGATIVE. BLOOD PICTURE REPORTED TO BE SIMILAR TO RONGELAP GROUP.
5. GENERAL INFORMATION: THERE HAS BEEN NO EVIDENCE OF BETA BURNS TO THE SKIN OF ANY NATIVE. REPORTEDLY NO BETA BURNS AMONG AMERICAN PERSONNEL EITHER. ALL EXPOSURES ABOVE GIVEN AS ESTIMATED TOTAL BODY EXPOSURE DUE TO GAMMA RADIATION. JTF-7 REPORTS FALLOUT AT THESE LOCATIONS RELATIVELY LARGE PARTICLE SIZE THEREFORE NO LUNG INJURY EXPECTED.
6. DISPLACED RESIDENTS APPEAR TO PASTORE AND HOLIFIELD AS HAPPY AND CONTENTED. THERE ARE WELL CARED FOR AND SEEM IN THE HIGHEST SPIRITS. TO A LAYMAN THERE IS ABSOLUTELY NOTHING THAT WOULD ~~BE CAUSE OF CONCERN~~. ADMIRAL CLARKE DESERVES HIGHEST COMMENDATION FOR HANDLING SITUATION. MEDICAL TEAM SAYS HE HAS BEEN MOST COOPERATIVE.
7. RECORDING OF MEETING FOLLOWS BY JTF-7 COURIER. USED GRAY AUDIOGRAPH TO TRANSCRIBE. ALLARDICE SENDS

420

16/0524z

~~SECRET~~

~~SECRET~~