

WILL CONTINUE WASHINGS. NO ESTIMATE OF BETA DOSE. AVERAGE INITIAL WHITE BLOOD COUNTS AT H+55 TO 75 HOUR WAS 7700. REPEAT COUNTS AT H+158 HOURS WAS 5300. GREATEST VARIANCE IN WHITE BLOOD COUNTS FROM RONGELAP 24,300 ABOUT H+75 HOURS TO 3700 AT H+130 HOURS TO 6000 AT H+158 HOURS. ANOTHER 60-YEAR-OLD NATIVE WHITE BLOOD COUNT H+55 HOURS WAS 12,600, AT H+168 WAS 6400, AND AT H+192 WAS 2900. PROGNOSIS OF RONGELAP GROUP DEPEND UPON FURTHER STUDIES. GREATEST VARIANCE WHITE BLOOD COUNTS WEATHER PERSONNEL RONGERIK 10,000 ABOUT H+32 HOURS TO 5800 H+144 HOURS

PART TWO: GREAT EFFORTS BEING MADE TO KEEP NATIVES COMFORTABLE ON KWAJ. THEY ARE CONTENTED. UTIRIK GROUP WILL BE SENT TO NEARBY ISLAND EBEYE WHEN HIGH COMMISSIONER DIRECTS AND STUDIED INTERMITTENTLY. RONGELAP GROUP RETAINED KWAJ FOR INTENSIVE STUDY BY AEC-DOD RESEARCH TEAM. NO DECISION AS TO TIME OF RETURN TO HOME ISLANDS. RECOMMEND WAIT UNTIL AFTER SERIES COMPLETED THEN RECHECK RADIATION LEVELS AGAIN.

PART THREE: ESTIMATED ACTIVITY MEGACURIES PER SQUARE MILE AT TIME OF FALLOUT: RONGELAP 3 AT H+6 HOURS, RONGERIK 2 AT H+8 HOURS, UTIRIK 0.17 AT H+16 HOURS. SOIL AND WATER SAMPLES BEING COLLECTED. ONE SET WATER MEASUREMENTS AT RONGELAP SHOWED CONCENTRATION AT D+3 DAYS FROM 2 TO 28 TIMES ABOVE  $5 \times 10^{-3}$ . TEAM RECEIVING EXCELLENT COOPERATION AT KWAJALEIN.

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*J. Diaz* 3/30/88

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