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LA29

VIA WASHDC NR S-74

MAR 10 1954

ZEN/TO LEEHEY USAEC SFOO ALBQ NIEK
USAEC BRADBURY LASL LOS ALAMOS NIEK



410598

VIA LOSALAMOS NIEK NR S-234 101016Z

RG 326 US ATOMIC ENERGY
COMMISSION

Location LA 29

Collection Records Center B-9 D-158

Folder 635 CASTLE

DE UHPJC 208

P 100603Z ZNJ

FBI CJTF SEVEN ENHETOK MI 17-31-53 - 3-15-54

TO UUFJA/CHAIRMAN AEC WASHDC VIA LOS ALAMOS

ZEN/C/S USA WASHDC

INFO ZEN/CINCPACFLT

ZEN/CJTF SEVEN WASHDC

DA GRNC

[REDACTED]

24815
X 635
Castle
3-10-59

BEST COPY AVAILABLE

DTG ONE ZERO ZERO FOUR FIVE FIVE ZEBRA

CLASSIFICATION CANCELLED
PER DOC REVIEW JAN. 1973

TO FIELDS AND BUGHET FROM CLARKSON PD THIS MY REPORT AS OF ONE ZERO
ONE TWO ZERO ZERO NINE PD THIS MSG IN FOUR PARTS PD DR DUNNING
REPORT AFTER VISIT KUAJ AS FOLLOWS CLN PART ONE CLN INVESTIGATED
HEALTH OF NATIVES FIRSTHAND PD ORIGINAL REPORT ABOUT TWO ZERO NATIVES
SICK FIRST AND SECOND DAYS BASED THEIR OWN STATEMENTS WHICH ARE VERY
DIFFICULT EVALUATE PD NO NATIVES ACTUALLY OBSERVED SICK BY
MEDICAL PERSONNEL EXCEPT ONE VOMITING FIRST DAY ABOARD EVACUEE SHIP
FROM RONGELAP PD PRACTICALLY ALL NATIVES FROM RONGEP HAD SKIN

ITCH UNTIL DECONTAMINATED WHEN ITCHING CEASED PD NO SKIN SYMPTOMS
OR SIGNS AS YET PD ANY ERYTHEMA VERY DIFFICULT TO DETECT ON NATIVE

STUDY CONTINUED BY HIGHEST CALIBER READING

END OF PAGE ONE

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~~NOG UNIVERSITY~~

PAGE TWO UHPJC 208

PAREN FROM HAIR PAREN FOUR ZERO ZERO MILLIROENTGENS PER HOUR AT ABOUT NOW PLUS FIVE SIX HOURS PD REPEATED WASHINGS HAVE REDUCED READINGS TO SEVEN MILLIROENTGENS PER HOUR PD WILL CONTINUE WASHINGS PD NO ESTIMATE OF BETA DOSE PD AVERAGE INITIAL WHITE BLOOD COUNTS AT NOW PLUS FIVE FIVE TO SEVEN FIVE HOUR WAS SEVEN SEVEN ZERO ZERO PD REPEAT COUNTS AT NOW PLUS ONE FIVE EIGHT HOURS WAS FIVE THREE ZERO ZERO PD GREATEST VARIANCE IN WHITE BLOOD COUNTS FROM RONGELAP TWO FOUR THREE ZERO ZERO ABOUT NOW PLUS SEVEN FIVE HOURS TO THREE SEVEN ZERO ZERO NOW PLUS ONE THREE ZERO HOURS TO SIX THOUSAND NOW PLUS ONE FIVE EIGHT HOURS PD ANOTHER SIX ZERO YEAR OLD NATIVE WHITE BLOOD COUNT NOW PLUS FIVE FIVE HOURS WAS ONE TWO SIX ZERO ZERO AT NOW PLUS ONE SIX EIGHT HOUR WAS SIX FOUR ZERO ZERO AND AT NOW PLUS ONE NINE TWO HOURS WAS TWO NINE ZERO ZERO PD PROGNOSIS OF RONGELAP GROUP DEPEND UPON FURTHER STUDIES PD GREATEST VARIANCE WHITE BLOOD COUNTS WEATHER PERSONNEL BONEIK ONE ZERO THOUSAND ABOUT NOW PLUS THREE TWO HOURS TO FIVE EIGHT ZERO ZERO NOW PLUS ONE FOUR FOUR HOURS PD PART TWO CLN GREAT EFFORTS BEING MADE TO KEEP NATIVES COMFORTABLE ON KUAJ PD THEY ARE CONTENTED PD UTIRIK GROUP WILL BE SENT TO NEARDY ISLAND EBEYE WHEN HIGH COMMISSIONER DIRECTS AND STUDIED INTERMITTENTLY PD RONGELAP GROUP RETAINED KUAJ FOR INTENSIVE STUDY BY AEC DASH DOB RESEARCH TEAM PD NO DECISION AS TO TIME OF RETURN TO HOME ISLANDS PD RECOMMEND

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~~PARAGRAPH NOT REQUIRED~~

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~~ACCOUNTABILITY REQUIRED AS PER CM SEC-5~~

PRO-

PAGE THREE UMPJC 268

WAIT UNTIL AFTER SERIES COMPLETED THEN RECHECK RADIATION LEVELS
AGAIN PD PART THREE CLN ESTIMATED ACTIVITY MEGACURIES PER SQUARE
MILE AT TIME OF FALLOUT CLN RONGELAP THREE AT HOU PLUS SIX HOURS CMI
RONGERIK TWO AT HOU PLUS EIGHT HOURS CMI UTIRIK ZERO PM ONE SEVEN
AT HOU PLUS ONE SIX HOURS PD SOIL AND WATER SAMPLES BEING COLLECTED
PD ONE SET WATER MEASUREMENTS AT RONGELAP SHOWED CONCENTRATION AT
DOG PLUS THREE DAYS FROM TWO TO TWO EIGHT TIMES ABOVE FIVE TIMES TEN
TO MINUS THREE PD TEAM RECEIVING EXCELLENT COOPERATION AT
KUAJALEIN

18Y0629Z

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