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RE 5 US ATOMIC ENERGY COMMISSION

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Radiological Safety (G. Series)

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CTG 7.1 ENIWETOK MI (ADMIN)
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PAREN ~~SECRET~~ PAREN CITE JIG FOX 4806 PD FOR COLE INFO NORRIS
 BRADBURY CMM WHITLEY CMM REEVES FM GRAVES PD FOLLOWING IS A SUMMARY
 OF FALLOUT FM SHOT BRAVO PD I PLAN TO KEEP YOU ADVISED OF FURTHER
 DEVELOPMENTS AND MORE FREQUENTLY FOR LATER SHOTS PD REGRET THAT MY
 PREOCCUPATION WITH EVENTS SUBSEQUENT TO BRAVO SHOT PREVENTED MY
~~INFORMATIVE~~ INFORMING YOU EARLIER PD PART ONE CLN FALLOUT ~~SECRET~~
 TRAVELED ON AN A PROXIMATE LINE FROM BIKINI TO BIKAR ATOLLS CMM AND
 WAS LAST REPORTED APPROXIMATELY TWO ZERO ZERO MILES DUE SOUTH OF
 THE ISLAND OF HAWAII AT ZERO THREE ZERO TWO ZERO ZERO ZEBRA WITH
 AN INTENSITY OF ZERO PNT ZERO THREE TO ZERO PNT ZERO FOUR FIVE MR
 PER HOUR AT TWELVE TO TWO NINE THOUSAND FEET PD THE HIGHEST ACTIVITY
 WAS EVIDENT IN A RELATIVELY NARROW BAND WHICH PASSED JUST NORTH OF
 AILINGINAE CMM RONGELAP CMM RONGERIK AND THENCE NEAR BIKAR PD
 (SEE PAGE TWO FOR CONTINUATION)

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PAGE TWO

PART TWO CLN SURFACE RAD READINGS AT ZERO TWO ZERO SIX THREE ZERO ZEBRA AT RONGELAP WERE REPORTED AS ONE PNT FOUR ROENTGENS PER HOUR AVERAGE BY TWO DIFFERENT TYPE SURVEY INSTRUMENTS PAREN ANPDR DASH THREE NINE AND NYOO SCINTAMETER PAREN PD TOTAL OF FIVE INSTRUMENTS AND TWO EXPERIENCED MONITORS UTILIZED IN SURVEY PD CONSIDER THIS DATA RELIABLE PD BASED ON ASSUMPTION THAT FALLOUT STATED AT RONGELAP AT HOW PLUS EIGHT HOURS AND NATIVES EVACUATED BY HOW PLUS ~~BY~~ FIVE ONE HOURS CMM COMPUTE AVERAGE TOTAL DOSE TO HAVE BEEN APPROXIMATELY ONE ZERO ZERO ROENTGENS PD NATIVES WERE EVACUATED BY ZERO TWO TWO TWO ZERO ZERO ZEBRA PD PART THREE CLN FILM BADGES WERE UTILIZED BY THE USAF WEATHER DETACHMENT ON RONGERIK PD HIGHEST DOSAGE RECEIVED WAS ONE BADGE AT NINE EIGHT ROENTGENS WHICH REPRESENTED THREE PEOPLE LIVING IN A TENT PD FOUR BADGES REPRESENTING THE REMAINDER OF PERSONNEL IN METAL BARRACKS READ FOUR ZERO CMM

PER/ (CONTINUED ON PAGE THREE)

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PAGE THREE

FOUR ZERO CMM FOUR FOUR CMM FIVE TWO ROENTGENS PD CONTROL BADGES
 BETWEEN THE BARRACKS READ EIGHT TWO ROENTGENS PD SIX CONTROL BADGES
 TAKEN FROM REFRIGERATED STORAGE AND CARRIED IN POCKETS FOR
 INDETERMINATE TIME ALL READ THREE EIGHT ROENTGENS PD AIRCRAFT
 EVACUATED THE WEATHER DETACHMENT BY ZERO TWO ZERO SIX ZERO ZERO
 ZEBRA PD MAXIMUM SKIN READING BETA AND GAMMA PRIOR DECONTAMINATION
 TWO FIVE ZERO MR PER HOUR WITH AVERAGE FOUR FOUR PNT FIVE MR PER
 HOUR PD GROUND STATION AT RONGERIK BEGAN READING ABOVE ONE ZERO
 ZERO MR PER HOUR AT ZERO ONE ZERO TWO ZERO ZERO ZEBRA PD PART FOUR
 CLN AN AERIAL SURVEY OF UTIRIK AT APPROXIMATELY ZERO TWO ZERO FIVE
 ZERO ZERO ZEBRA AT LOW ALTITUDES INDICATED SIX TWO ZERO MR PER
 HOUR EXTRAPOLATED GROUND READING PAREN GAMMA ONLY BY NYOO
 SCINTAMETER PAREN PD AT ZERO THREE ZERO ONE FOUR FIVE ZEBRA PAREN
 HOW PLUS FIVE FIVE PAREN SURFACE READINGS WERE ONE SIX ZERO MR PER
 (CONTINUED ON PAGE FOUR)

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PAGE FOUR

HOUR PD BY ESTIMATING THAT FALLOUT OCCURRED AT UTIRIK AT APPROXIMATELY
 HOW PLUS ONE EIGHT HOURS AND THAT THE NATIVES WERE EVACUATED BY
 ZERO FOUR ZERO ZERO FOUR FIVE ZEBRA CMM COMPUTE THE TOTAL DOSAGE
 RECEIVED TO BE APPROXIMATELY ONE SEVEN ROENTGENS PD PART FIVE CLN
 ALL NATIVES HAVE NOW ARRIVED AT KWAJALEIN AND ARE UNDER THE CARE
 AND SUPERVISION OF COMNAVSTAKWAJALEIN PD HEALTH SITUATION OF
 NATIVES REMAIN SATISFACTORY AND PHYSICAL EXAMINATIONS DISCLOSE
 NOTHING UNUSUAL PD THERE ARE NO SYMPTOMS OF RADIATION SICKNESS AS
 OF NOW PD SOME INFANTS SEEM TO BE DIFFICULT TO FEED BUT ~~7/18/18/~~
 THIS IS THOUGHT TO BE DUE TO PRESENT VARIATION FROM NORMAL DIET PD
 PROCUREMENT OF THE USUAL DIET IS BEING ACCOMPLISHED VIA LOCAL
 NATIVES PD PRESENT PROGNOSIS FAVORABLE PD MOREALE VERY GOOD PD
 PART SIX CLN A SHIP AKL PAREN TRUST TERRITORY CARGO SHIP PAREN
 ARRIVED UTIRIK AFTER FALLOUT OCCURRED PD WE WILL CONTACT THIS

(CONTINUED ON PAGE FIVE)

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PAGE SIX

NATIVES REFERENCE VISIBILITY OF BRAVO AND RADIATION PHENOMENA PD
 WATHO READ BACKGROUND BUT WAS INCLUDED FOR THE LATTER REASON PD
 PART EIGHT CLN REQUESTED CINCPACFLT OBTAIN PERMISSION FROM THE
 BRITISH TO MAKE A SURVEY FLIGHT OF ABC NYOO TYPE THROUGH THE
 GILBERT ISLAND CHAINS AND RETURN TO KWAJALEIN PD THIS MADE TO
 COMPLETELY DOCUMENT BRAVO WITH POSITIVE EVIDENCE ON POPULATED
 AREAS ADJACENT TO MARSHALL ISLANDS PD US NAVAL ~~ATTACHED~~ ATTACHE
 IN LONDON HAS INDICATED THRU CINCPACFLT THAT PERMISSION GRANTED
 PD HE FURTHER ADVISED THAT THE COLONIAL OFFICER HAS INFORMED
 COMMISSIONER AND HAS DESCRIBED FLIGHT AS SURVEY FLIGHT WITHOUT
 MENTIONING RADIATION ASPECTS PD HE HAS REQUESTED THAT GENERAL
 SUMMARY OF THE RESULTS BE PASSED TO HIM FOR INFORMATION BRITISH
 AUTHORITIES LONDON PD THIS WILL BE DONE PD PART NINE CLN THE ABOVE
 IS A GENERAL SUMMARY OF ENTIRE SITUATION AND AN INDICATION OF THE
 ACTION WHICH HAS BEEN TAKEN PD END

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