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FM USAEC WASHINGTON DC

TO DR HERB YORK UCRL /ASSIGN SERIES C/

TO DR AL GRAVES LASL / ASSIGN SERIES D/

THIS MESSAGE CONSISTS OF 3 COPIES, SERIES *OP*

CONFIDENTIAL RESTRICTED DATA

BEST COPY AVAILABLE

FROM STARBIRD TO GRAVES AND YORK PD

FOLLOWING MESSAGE RELAYED FOR YOUR INFORMATION PD QUOTE

Classification changed to **UNCLASSIFIED**
by authority of the U.S. ERDA

Per DORIS H. DUNNING
(Person authorizing change in classification and date)

P R I O R I T Y

By *Charles Stephenson* 6/27/77
(Signature of person making the change and date)

JUL 27 1956

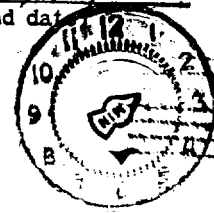
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FM CTG 7.1 FWD ENIWETOK MI

TO DMA USAEC WASHDC /ASSIGN SERIES CHARLES/

AEC GRNC

BT



/CONFIDENTIAL RESTRICTED DATA/ FM FELT TO STARBIRD PD

CITE FIVE SEVEN FIVE FIVE JFE PD IN REPLY TO YOUR MESSAGE DTG

TWO SIX ONE NINE FIVE SIX ZEBRA THE ANSWERS TO SPECIFIC QUESTIONS

FOLLOW CLN PAREN ABLE PAREN DECONTAMINATION

WAS NOT ATTEMPTED PD PAREN BAKER PAREN IT IS DIFFICULT

TO ASSIGN QUANTITATIVE NUMBERS TO WASHDOWN EFFECT PD SUCH

EFFECT WAS NOTICEABLE CMM HOWEVER CMM INASMUCH AS REGIONS

ADJACENT TO PEAKED DASH ROOF BUILDINGS AND TENTS
READ ALMOST TWICE AS HIGH AS CLEAR BUT UNSTABILIZED AREAS PD
PUBBLES OF WATER CMM ESPECIALLY ON ENIWETOK RUNWAY AND PARKING
AREAS SHOWED VERY HIGH CONCENTRATION OF ACTIVITY UP TO TEN TIMES
GENERAL AREA LEVEL PD UNTIL EARLY MORNING OF TWO SIX
JULY LOCAL TIME RAINS WERE NOT HEAVY ENOUGH TO PRODUCE WASHDOWN
OF THE BENERAL AREA PD AT THAT TIME HIGH WINDS AND RAIN FALLING
AT SEVERAL INCHES PER HOUR FOR ABOUT FOUR HOURS REDUCED
THE GENERAL

END PAGE ONE CITE FIVE SEVEN FIVE FIVE JFE

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BACKGROUND APPROXIMATELY IN HALF PD PAREN CHARLIE PAREN
FILM BADGES USED AS CONTROLS WERE LOCATED ABOUT THREE
FEET INSIDE AN ALUMINUM BUILDING AND SHOWED REDUCTION TO
ABOUT SIX ZERO PERCENT OF OUTSIDE INTEGRATED DOSE PD
DOSE RATE SURVEY METERS INDICATED ABOUT THREE ZERO PERCENT
OF OUTSIDE RATE AT POSITIONS GREATER THAN EIGHT FEET FROM
INTERIOR OF BUILDING WALLS PD FILM BADGES WORN BY OFFICE
WORKERS SHOW A DOSE OF ABOUT SIX ZERO PERCENT OF OUTSIDE
INTEGRATED DOSE PD PEOPLE WORKING OUTSIDE MOST OF THE
DAY ACCUMULATED ABOUT EIGHT ZERO PERCENT OF THE OUTSIDE
INTEGRATED DOSE PD PARA THOUGH WE DID NOT ATTEMPT
DECONTAMINATION WE BELIEVE LOCAL AREAS COULD HAVE BEEN
CLEARED WHERE NECESSARY BY EXTENSIVE HOSING PD SUCH
METHODS PRESUPPOSE APPRECIABLY BETTER DRAINAGE THAN WE HAVE
HERE PD THE TECHNIQUE SHOULD WORK WELL IN CITIES
BUT WOULD BE LESS EFFECTIVE IN SUBURBAN AREAS PD IN

SUBURBAN AND RURAL AREAS OUR EXPERIENCE BOTH HERE AND IN
NEVADA SUGGESTS THAT SURFACE GRADING IS A VERY EFFECTIVE
METHOD OF LOCAL DECONTAMINATION PD WE INTEND TO CLEAR
PARRY ISLAND LIVING AND WORKING AREAS BY THIS METHOD IN
ORDER TO REDUCE LONG TIME DOSE TO AEC AND CONTRACTOR
PERSONNEL WHO WILL REMAIN HERE PD PARA WE BELIEVE
PROTECTION AFFORDED BY BUILDINGS RESULTED PRIMARILY FROM
DISTANCE EFFECTS SINCE TENTS CMM THOUGH LESS WELL DOCUMENTED
CMM SHOWED SIMILAR TREND PD I WILL BE HERE
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UNTIL SUNDAY EVENING LOCAL TIME IF YOU HAVE FURTHER QUESTIONS

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END OF MESSAGE

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