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CL 13  
*Supma R*

404340

Per DRIS H. VITTI  
(Person authorizing change in classification and date)

By *Evelyn Stevenson 6/6/77*  
(Signature of person making the change and date)

~~NOV~~ 27 1956



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MP25

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P R I O R I T Y

H/W RELAY S-174 271730Z

FROM USAEC WASHINGTON DC

TO DR HERB YORK UCRL /ASSIGN SERIES C

TO DR AL GRAVES LASL /ASSIGN SERIES D/

S E C R E T R E S T R I C T E D D A T A

**PRIORITY**

KKKXKXKX

FROM STARBIRD TO GRAVES AND YORK PD

FOLLOWING MESSAGE RELAYED FOR YOUR INFORMATION QUOTE

BEST COPY AVAILABLE

O 270318Z ZNJ

FM VTG 7.1 FWD ENIWETOK MI

TO DMA USAEC WASH DC 2ASSIGN SERIES CHARLIE<sup>3</sup><sub>4</sub>

AEC GRNC

BT

/S E C R E T R E S T R I C T E D D A T A / F M F E L T T O S T A R B I R D P D C I T E F I V E

S E V E N S I X F O U R J F E P D S I N C E B O T H M A C D O N A L D A N D O G L E H A D

D E P A R T E D A T T I M E Y O U R M E S S A G E D T G T W O F O U R O N E S E V E N F O U R

F I V E Z E B R A A R R I V E D I T W A S N O T D E L I V E R E D T O T A S K G R O U P S E V E N

... QUESTIONS IN YOUR MESSAGE TWO SIX

PNT ONE MAIL ROOM PD ASSUME QUESTIONS IN YOUR MESSAGE TWO SIX  
TWO ONE FOUR THREE ZEBRA ONE SAME SUBJECT PD ANSWERS FOLLOW IN  
ORDER CLN PAREN ONE PAREN DOSE MAY IN A FEW ISOLATED CASES  
RISE TO AS HIGH AS SIX PD AAREN TWO PAREN MAXIMUM READINGS ON  
PARRY AND ENIWETOK WERE ABOUT ONE TWO ZERO MIKE ROGER SLANT  
HOW ROGER <sup>120</sup> <sup>20</sup> AT TWO SIX HOURS PD PAREN THREE PAREN NO MAXIMUM  
RECORDED ON JAPTAN OR OTHER LOCAL ISLANDS PD NO FALLOUT  
OBSERVED AT WEATHER STATION ISLANDS AND ENYU PD PAREN FOUR  
PAREN NO FALLOUT ON RONGELAP FROM TEWA PD PAREN FIVE PAREN  
SPOTTINESS AT PARRY DERIVED FROM FACT THAT IT OCCURRED WITH  
RAIN AND HIGH SURFACE WINDS PD SPOTTINESS  
END PAGE ONE CITE FIVE SEVEN SIX FOUR JFE

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date  
Act of  
the disclosure of  
information

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PAGE TWO CITE 5764 JFE

INCREASED AFTER FALLOUT CEASED OWING TO SUBSEQUENT RAIN  
WASHING PD PAREN SIX PAREN AINSWORTH CMM CURTISS CMM  
KNUDSON RAN INTO FALLOUT WHILE TRAVELING TO ENIWETOK FOR  
POSSIBLE USE IN EMERGENCY EVACUATION PD NO INFORMATION  
HERE ON DETAILS FOR AINSWORTH ANB KNUDSON PD CAPTAIN  
BAILEY OF CURTIS SAILED WITH SHIP BUTTONED UP AND  
ACTIVATED WASHDOWN EQUIPMENT EVERY FIFTEEN MINUTES ALL  
NIGHT LONG AS HE STOOD OFF SOUTHEAST OF PARRY PD BY NOON  
SUNDAY LOCAL TIME HE HAD REDUCED BACKGROUND TO ABOUT FIVE  
MIKE ROGER YLANT HOW ROGER PD NO FURTHER DETAILS AVAILABLE  
HERE EXCEPT FROM PROGRAM TWO FALLOUT COLLECTION SHIPS PD  
RESULTS FROM THESE SHOULD BE AVAILABLE AT HEADQUARTERS

HERE EXCEPT FROM PROGRAM TWO FALLOUT COLLECTION SHIPS PD  
RESULTS FROM THESE SHOULD BE AVAILABLE AT HEADQUARTERS  
AFSWP PD PAREN SEVEN PAREN ESTIMATE FIVE TO SIX THOUSAND CMM  
BUT JTF SEVEN MUST HAVE MUSTER RECORDS SINCE WE WERE ON  
MINUS ONE FOR HURON AT THE TIME PD PAREN EIGHT PAREN RAIN  
WAS FREQUENT DURING THE NIGHT PD MAIN EFFECT WAS TO KEEP  
DEPOSITION RATE EVEN WITH DECAY SO THAT READINGS HELD  
EVEN FOR APPROXIMATELY SIX TO EIGHT HOURS BEFORE BEGINNING  
TO DROP PD PAREN NINE PAREN OGLES EARLY DATA ARE STILL  
ROUGHLY CORRECT THOUGH WEATHERING HAS NOT BEEN SO HELPFUL  
AS WE HAD HOPED AND HAS PRODUCED MANY LOCAL HOT SPOTS WHICH  
WILL HAVE TO BE CLEANED PD PAREN TEN PAREN HIGHEST EXPOSURE  
SEEN TO DATE WAS APPROXIMATELY THREE FIVE ZERO ZERO MIKE  
ROGER FROM A BADGE WORN BY AN OUTSIDE WORKER AND PROCESSE  
YESTERDAY MORNING PD  
END PARE TWO CITE FIVE SEVEN SIX FOUR JFE

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PAGE THREE CITE 5764 JFE

PAREN ONE ONE PAREN ESTIMATED MXIMUM EXPOSURE FOR PERSONNEL  
CONTINUING TO LIVE IN THIS AREA IS SIX CMM BUT THIS NUMBER  
WILL BE APPRECIABLY REDUCED FOR PERSONNEL WHOSE JOBS KEEP THEM  
MOSTLY INDOORS OR ON THE WATER PD END OF MESSAGE

BT

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END OF MESSAGE

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COMMUNICATIONS SECTION IS REQUIRED TO BE DED ON SEP 5