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CL3

LA006NA018TA009

MAR 10 11 8:48

RR RUWFJA

DE RUHEAB 05D

REPOSITORY

LOS ALAMOS NAT LAB

R 170222Z

COLLECTION

CL-3

FM TG 7.1 BIKINI MI

BOX No

11231-1

TO RUWFJA/LASL LOS ALAMOS NMEX

FOLDER

OPERATION HARDYACH

INFO RUHEAB/ACTG 7.1 ENIWETOK MI

1954-58

AEC GRNC

BT

/UNCLASSIFIED/FROM HOERLIN TO PAYNE HARRIS CMM H-DIV INFO SHIPMAN CMM  
RYDER CMM AND SKUMANICH. CAN YOU PROVIDE ROUGH NUMBER FOR SURFACE  
AREA OF RODS IN AVERAGE HUMAN EYE. WE ARE TAKING FOUR TIMES TEN TO  
THE MINUS FOURTH POWER SQUARE MILLIMETERS PER ROD. WOULD LIKE TO  
KNOW WHETHER THIS APPROXIMATELY CORRECT. IS ANYTHING KNOWN ABOUT  
TRANSMISSION VERSUS WAVELENGTH OF LENSE AND EYE LIQUID PARTICULARLY  
IN RED AND NEAR INFRARED QUERY. CAN YOU ELABORATE WHETHER 3 CALORIES  
PER SQUARE CENTIMETER AT RETINA REPRESENTS THRESHOLD FOR PERMANENT  
EYE DAMAGE OR IS THIS NUMBER EQUIVALENT TO TEMPORARY THOUGH SEVERE  
EFFECTS SIMILAR TO SNOWBLINDNESS. IN OTHER WORDS WHAT TOLERANCE  
WOULD YOU RECOMMEND FOR EPG PERSONNEL AND NATIVES TO PREVENT PERMANENT  
DAMAGE. REF THIS MSG 20-BEAR

BT

CFN 3 20-BEAR

17/0223Z