

OO RUETCR RJEPRQ RUWFJA

DE RUHEAB 76A

O 021533Z ZWJ

FM CJTF SEVEN ZWVUETOK NI

TO RUETCR/USAEC GERMANTOWN PD

INFO RJEPRQ/COFS USAF WASHDC

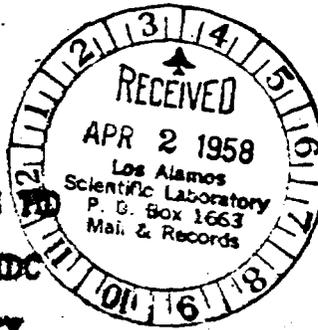
RUWFJA/LASL LOS ALAMOS HREX

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~~REDACTED~~ AEC PASS TO STARBLIND. USAF PASS TO AFOAT. LASL PASS TO GRAVES. FROM LUEDECKE. REFERENCE YOUR 021533Z NOTAL.

FURTHER STUDY OF THE 60 KILTON TEAK PROPOSAL HERE, AFTER EARLIER DISCUSSIONS WITH GRAVES CMM LEAD TO ALTERED CONCLUSION. REDUCING YIELD TO 60 KILOTONS REDUCES FIREBALL DIAMETER APPROXIMATELY FACTOR OF FOUR BUT DOES NOT NECESSARILY REDUCE SURFACE BRIGHTNESS ENCLN IN FACT CMM THERE ARE SOME INDICATIONS THAT IT MIGHT BE BRIGHTER PD LIGHT IS EMITTED IN VERY SHORT TIME CMM THUS ONLY CHANGE CLEARLY INDICATED BY CALCULATION IS THAT RETINAL IMAGE IS REDUCED IN DIAMETER BY FACTOR OF FOUR PD FIREBALL IS ONE DASH HALF TO THREE DASH QUARTERS INCHES DIAMETER AND CAN STILL BE RESOLVED AT DISTANCES QUOTED PREVIOUSLY FOR TEAK PD THUS CMM ONLY GAIN SHOWN BY CALCULATION IS THAT BURN ON RETINA IS SMALLER AND CMM HENCE CMM POSSIBLY NOT SO SERIOUS PD HAZARD DISTANCES WOULD STILL BE 433 STATUTE

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