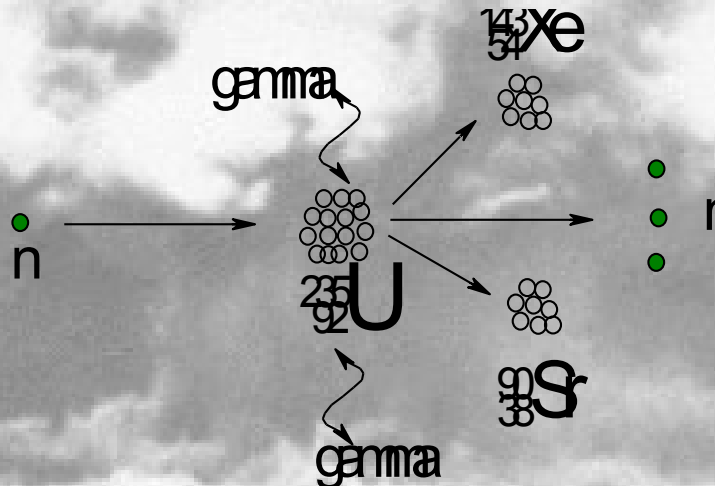


# Building the Atomic Bomb

The first fission reaction was performed in Germany  
December 1938  
by Otto Hahn and Fritz Strassmann



# Building the Atomic Bomb

Many Scientists fled Germany and Italy to America

Two of these were:

Enrico Fermi – Italian Nuclear physicist

Leo Szilard – German Nuclear Scientist



# Building the Atomic Bomb

Many of these scientist were fearful that Germany would develop an atomic bomb. Fermi Even met with military leaders to warn them, but nothing came of the meeting.



# Building the Atomic Bomb



These scientist finally convinced Albert Einstein to sign a letter to President Roosevelt. From this letter, the Manhattan Project was initiated

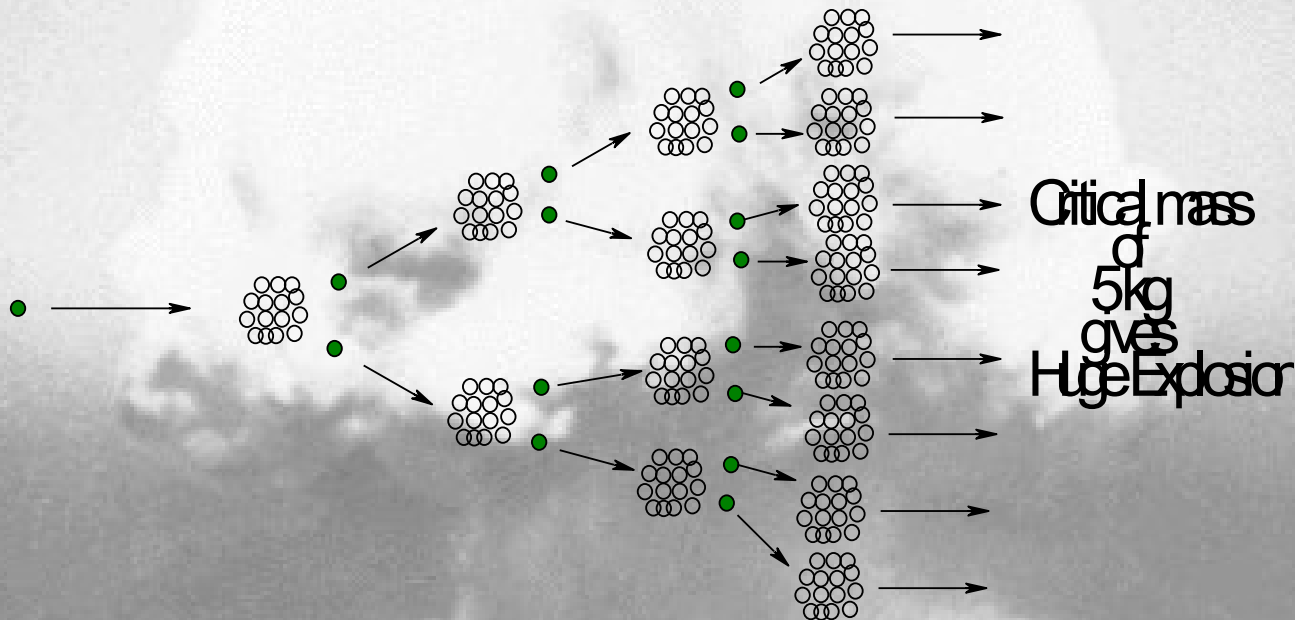
The Manhattan Project had two goals  
Study Nuclear Fission and develop an atomic bomb

# Chicago – Birthplace of sustained nuclear fission



# First Sustained Nuclear Reaction

Performed at the University of Chicago under the  
Direction of Enrico Fermi



# Marker At Stagg Field - Chicago



# Building the Atomic Bomb

## Men in Charge

Military leader – General Leslie Groves

Scientific leader – Robert Oppenheimer





# Secret sites

Oak Ridge, TN  
Uranium



Hanford WA  
Plutonium



# LOS ALAMOS



# Boys School – Los Alamos NM



# The Secret City



Site Y

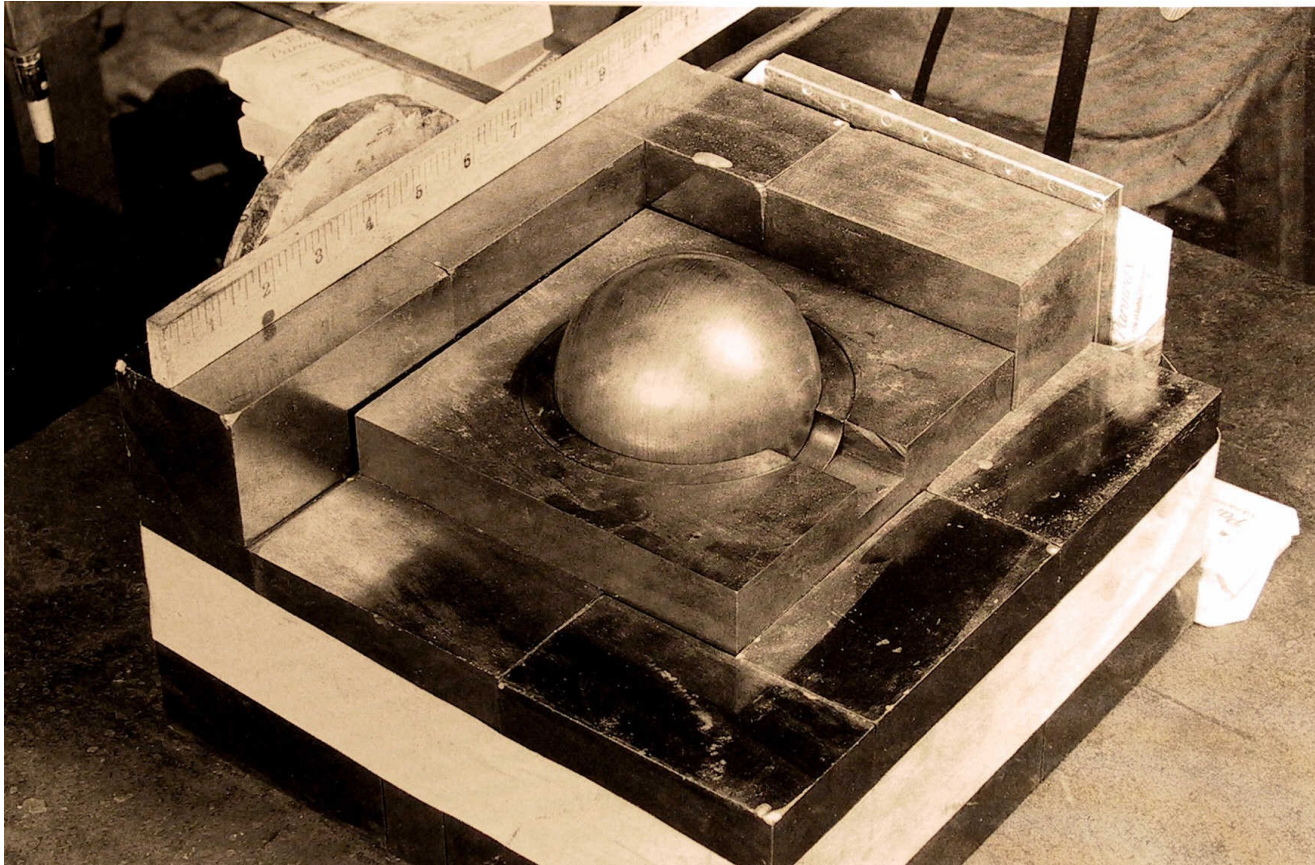
PO Box 1663, Santa Fe NM

10,000 Residents in 6 months

# The Valley of Death



# Plutonium Sphere



# A Billion or So

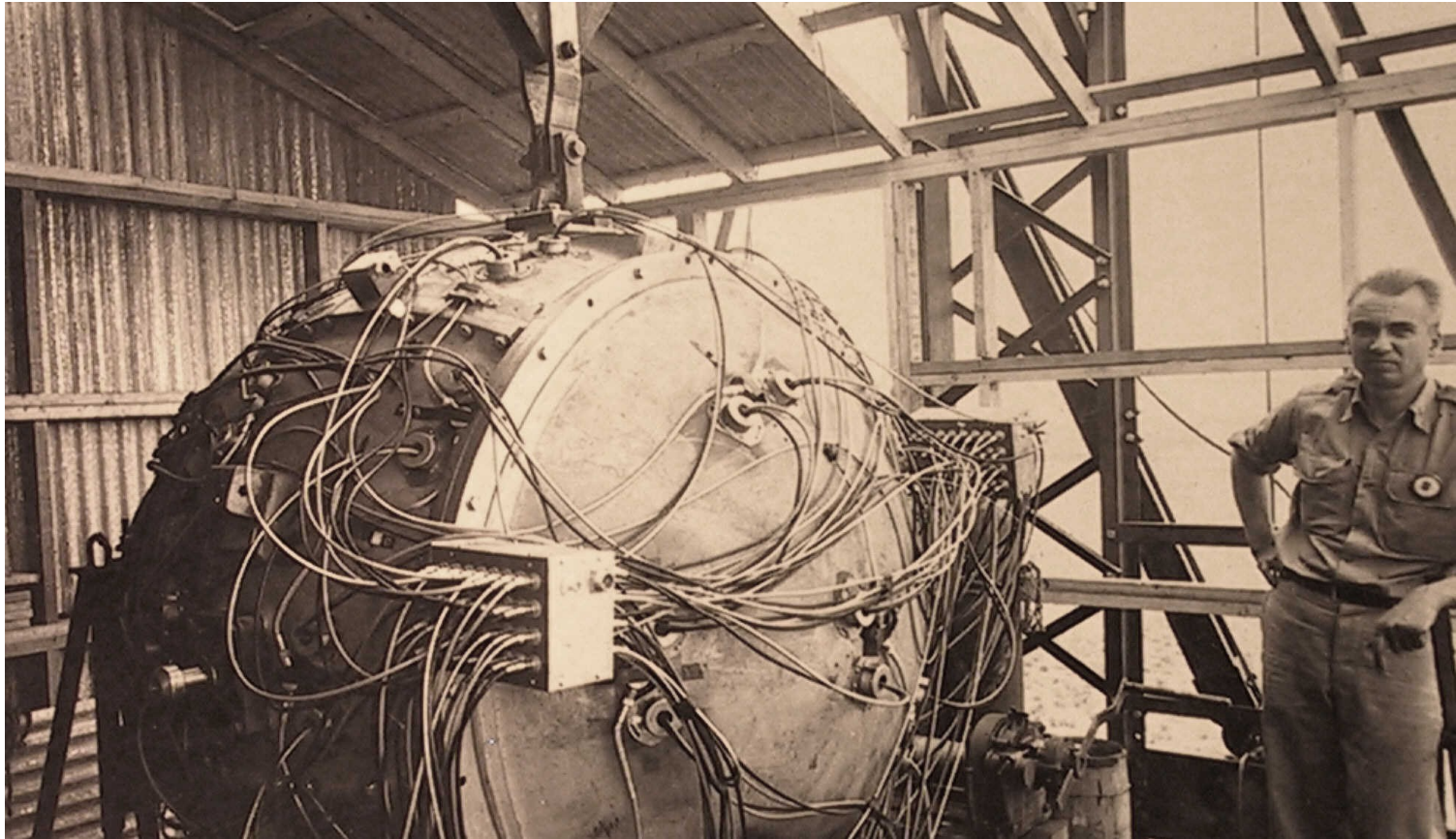


# Rare Accidents





# The Nuclear Age.....Ready?



# The Tower of Time



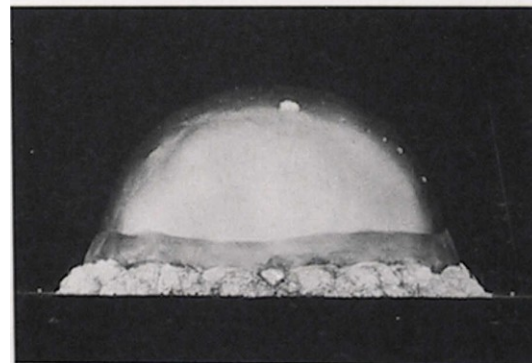
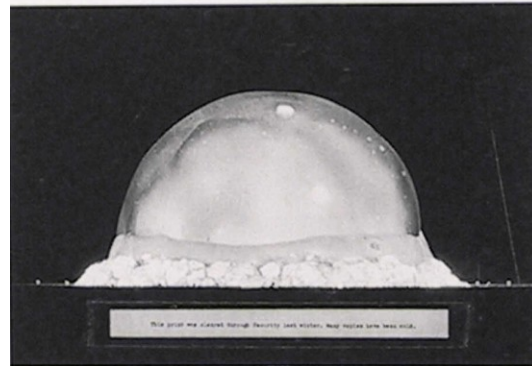
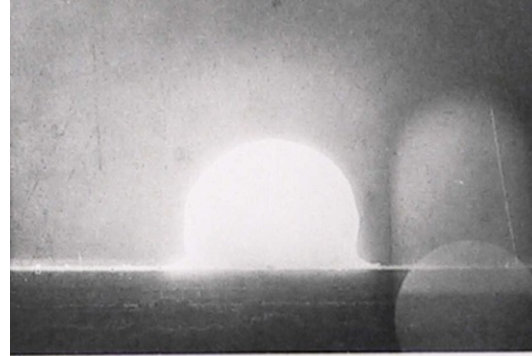
# The Tower



# The Day the Sun Rose Twice



# The Day the Sun Rose Twice



# The Tower



# Melted Sand - A Mile and a Half



# War Time Feelings

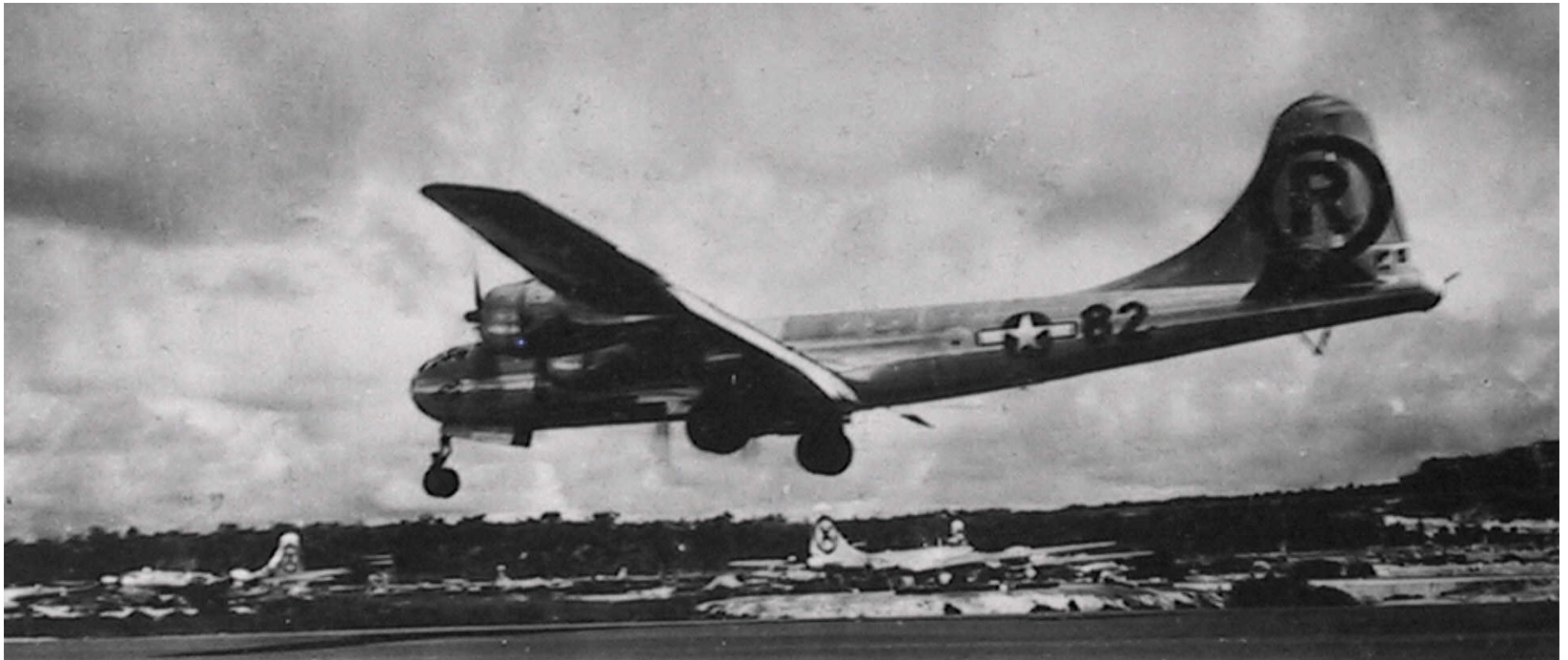




# Feelings About Japan



# The Enola Gay - Tebbs



# Hiroshima



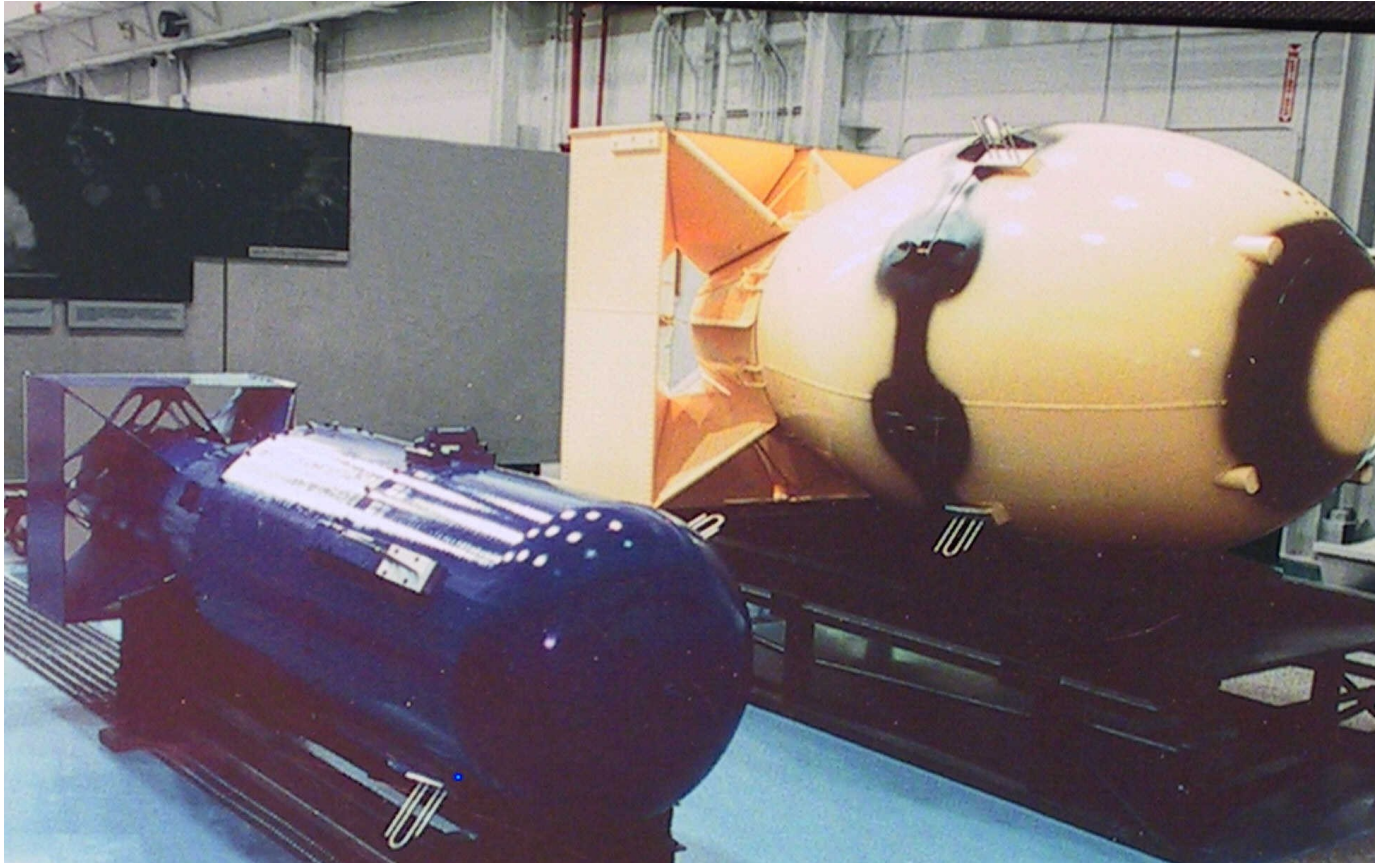
# Hiroshima



# Hiroshima



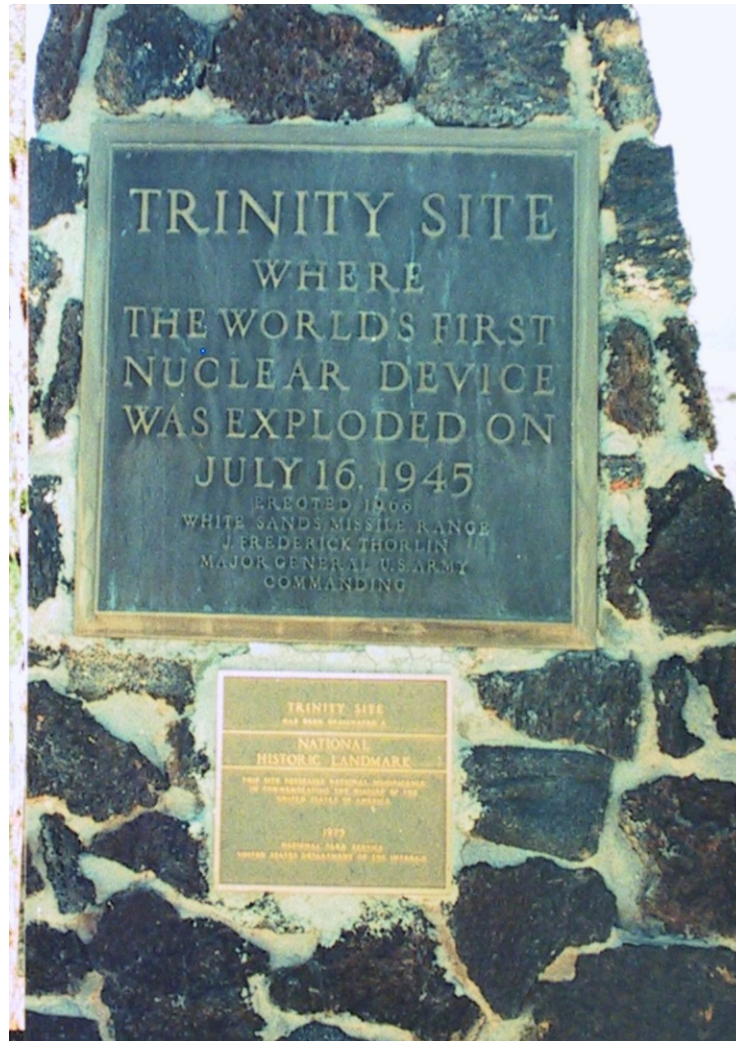
# The Bombs



# Trinity Site Today



# Trinity Site Today





# Trinity Site Today



# Trinity Site Today



# Los Alamos

