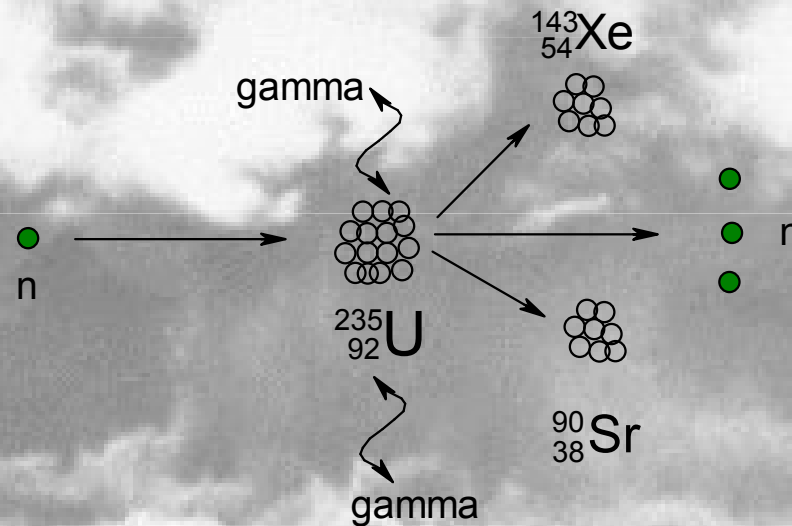


Building the Atomic Bomb

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

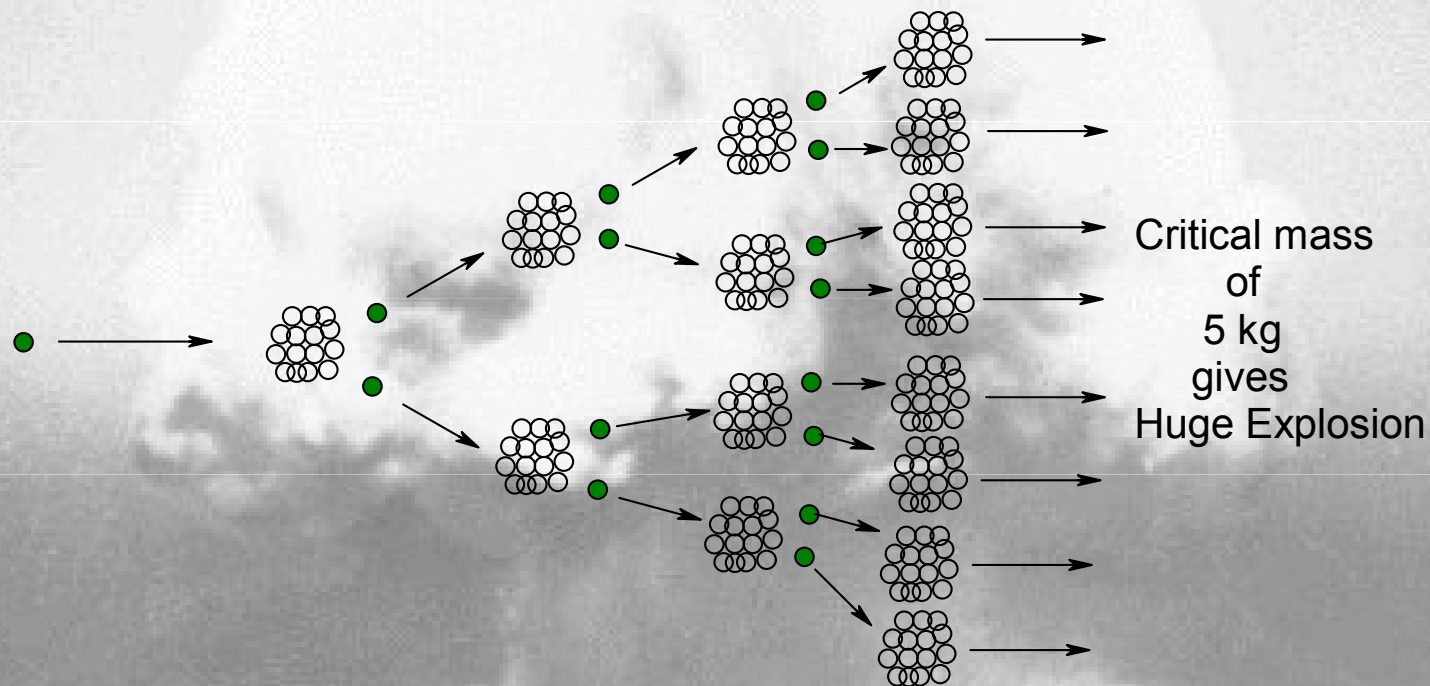
The Manhattan Project had two goals
Study Nuclear Fission and develop an atomic bomb

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



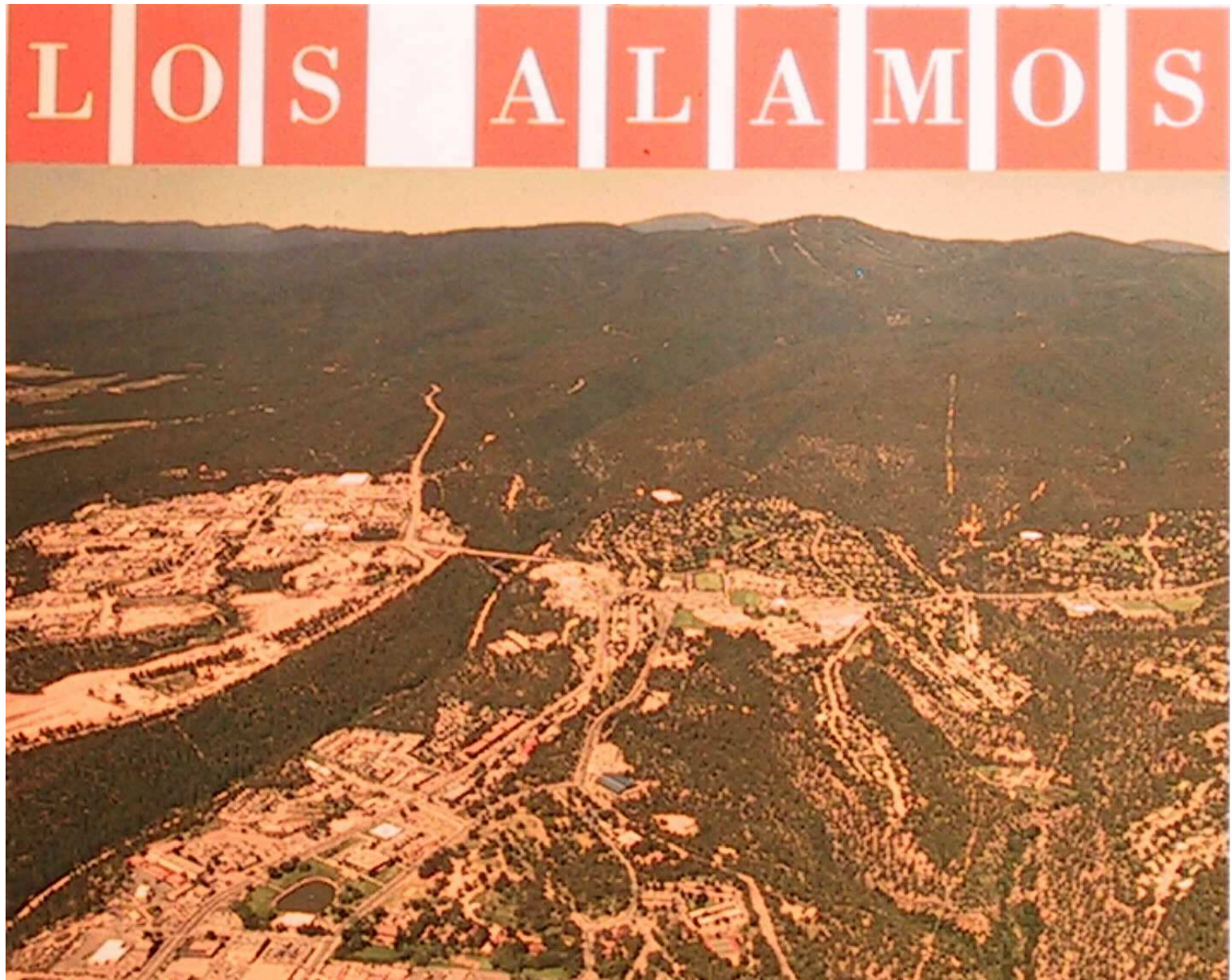
Secret sites

Oak Ridge, TN
Uranium



Hanford WA
Plutonium





Boys School – Los Alamos NM



The Secret City

A black and white photograph of a massive mushroom cloud from the atomic bombing of Nagasaki on August 9, 1945. The cloud is large and billowing, with a dark, dense base and a lighter, more diffuse top. The background is a clear sky.

Site Y

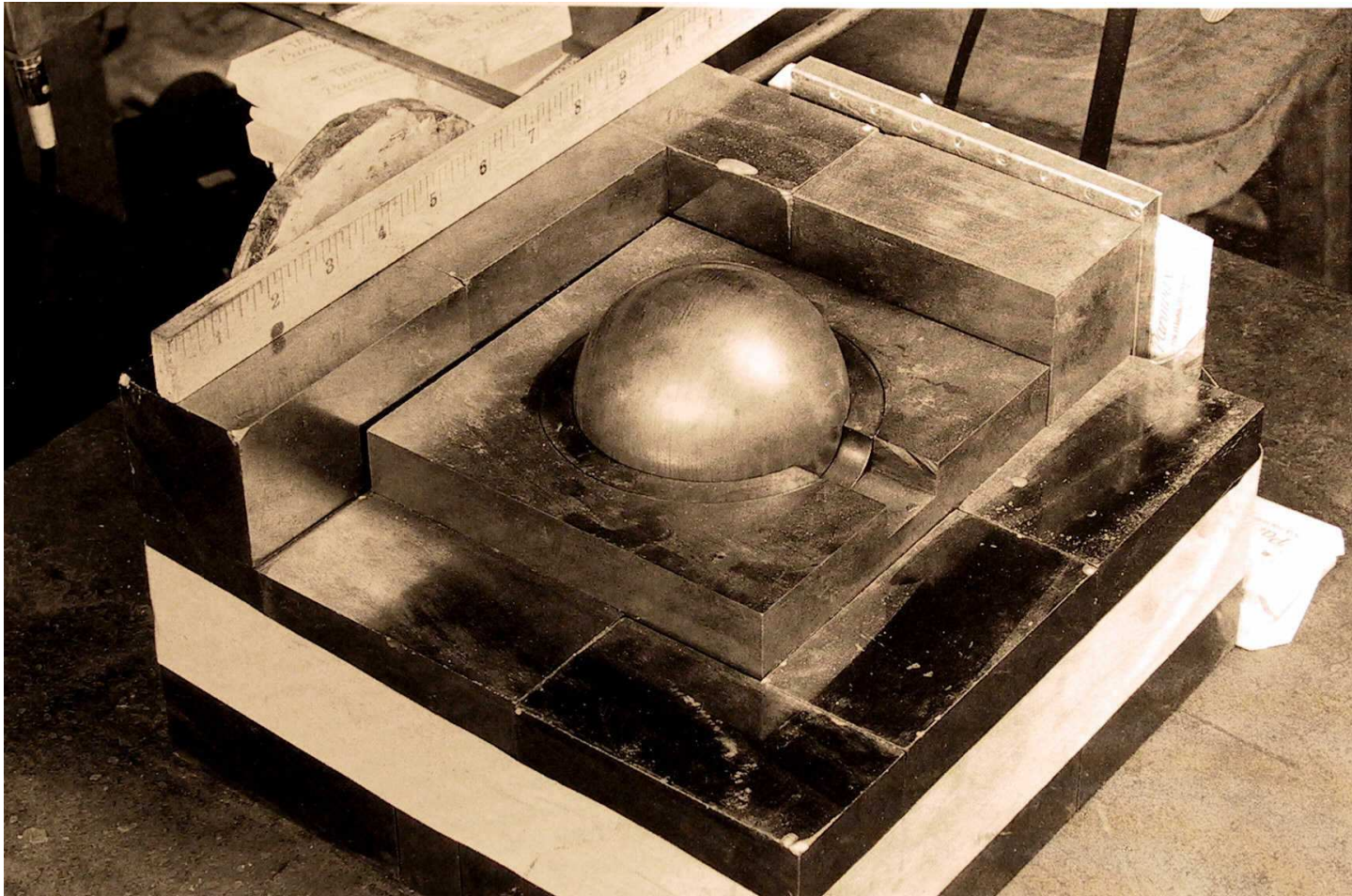
PO Box 1663, Santa Fe NM

10,000 Residents in 6 months

The Valley of Death



Plutonium Sphere



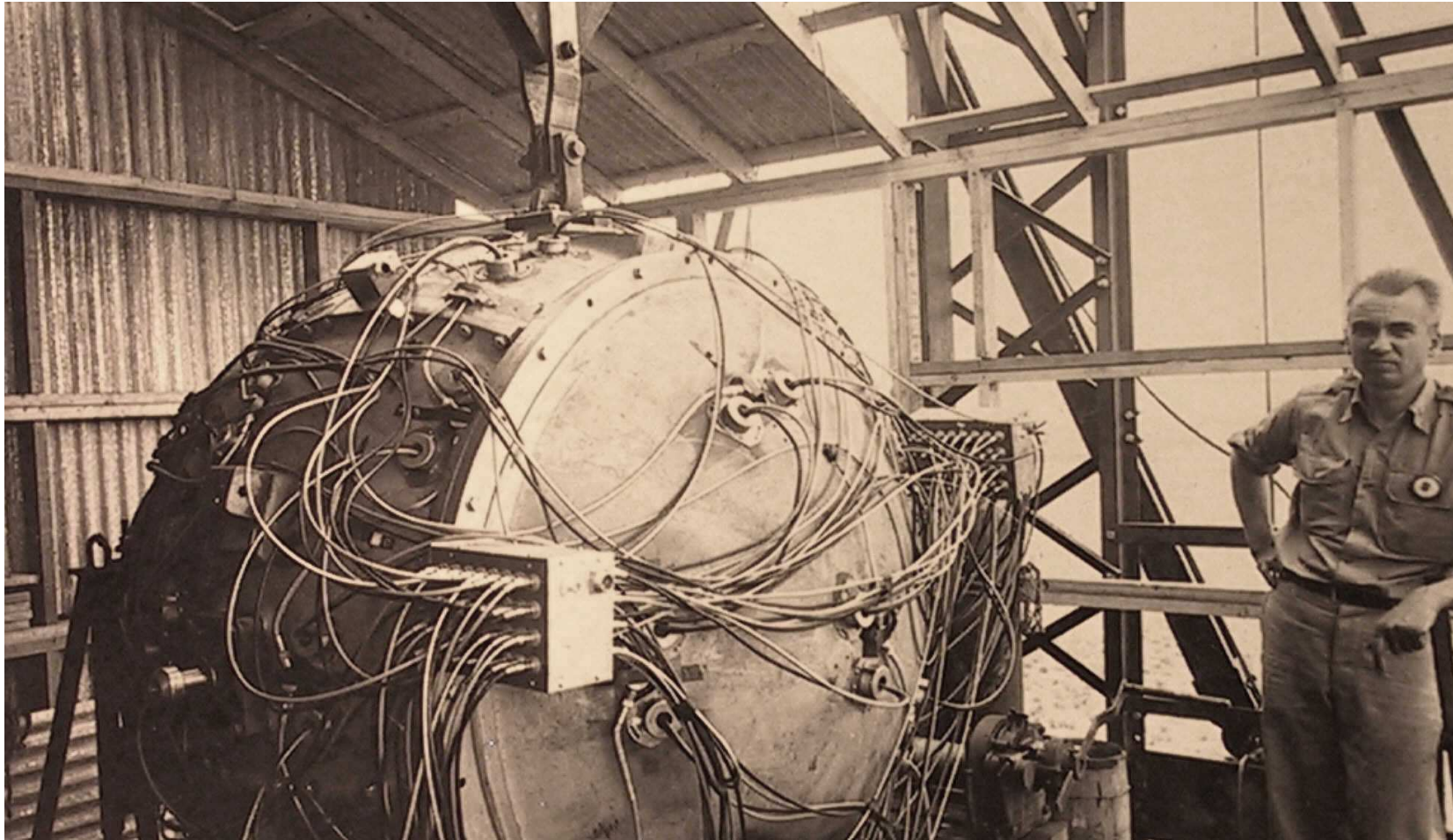
A Billion or So



Rare Accidents



The Nuclear Age....Ready?



The Tower of Time



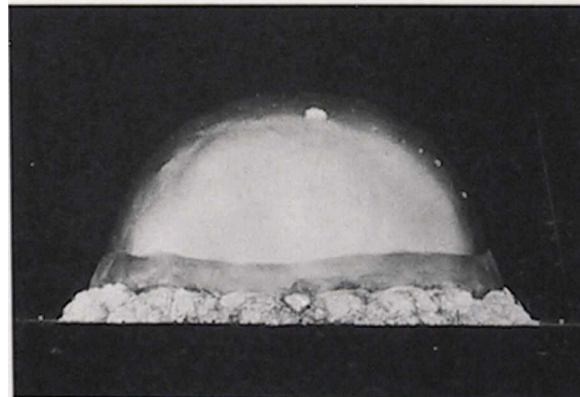
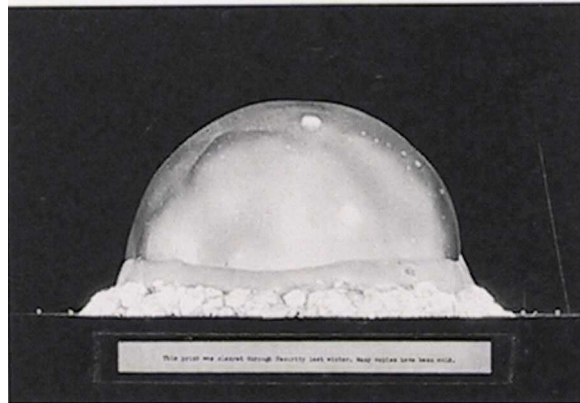
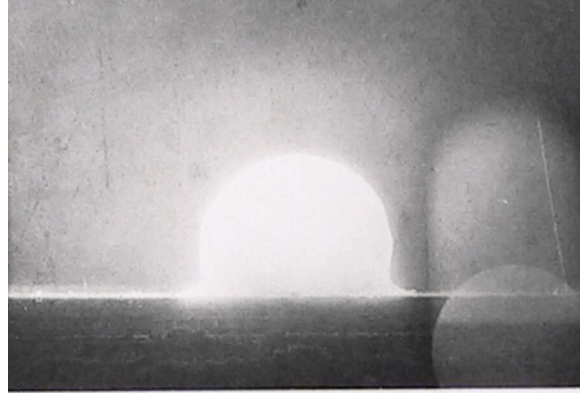
The Tower



The Day the Sun Rose Twice



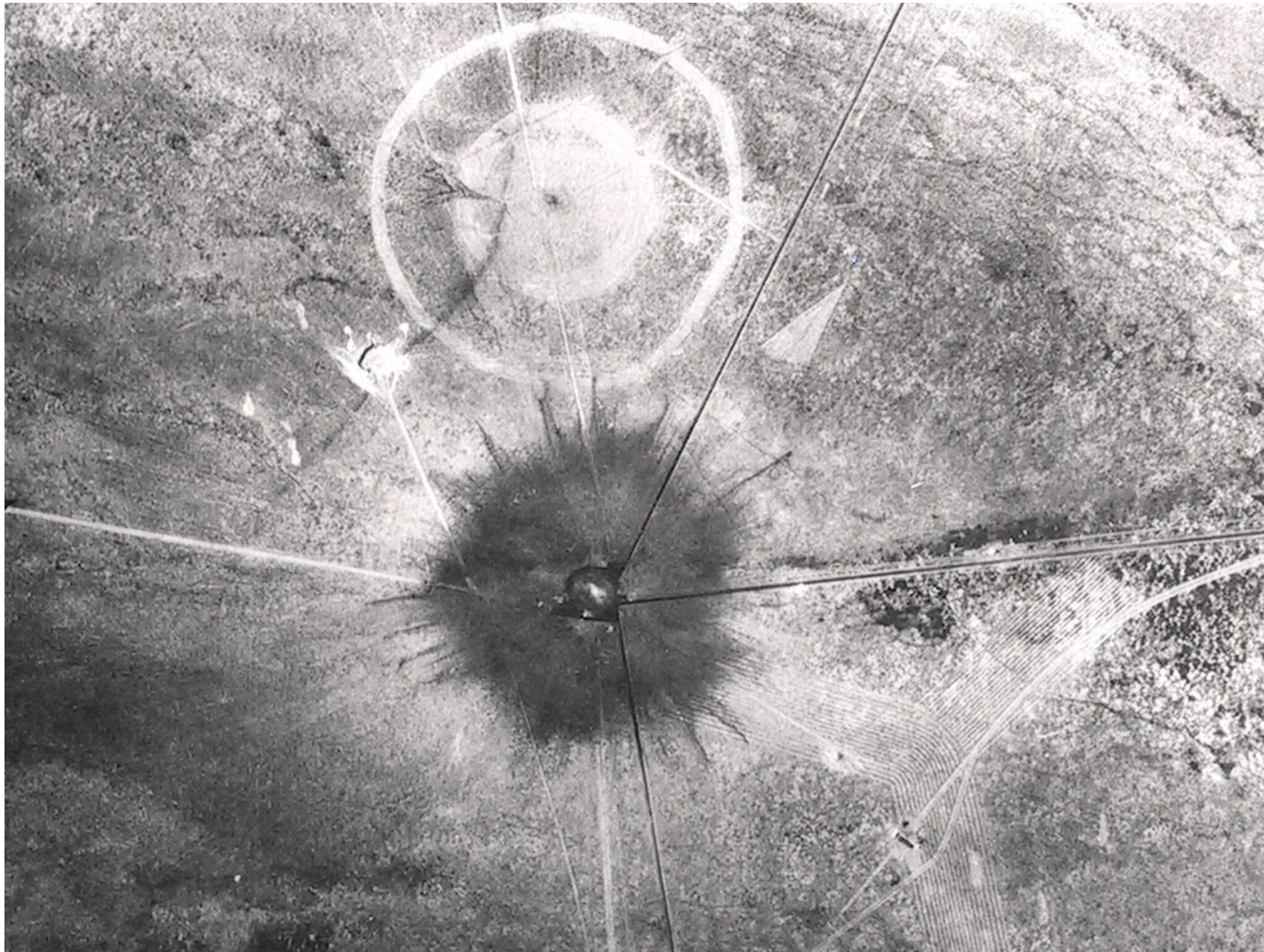
The Day the Sun Rose Twice



The Tower



Melted Sand - A Mile and a Half



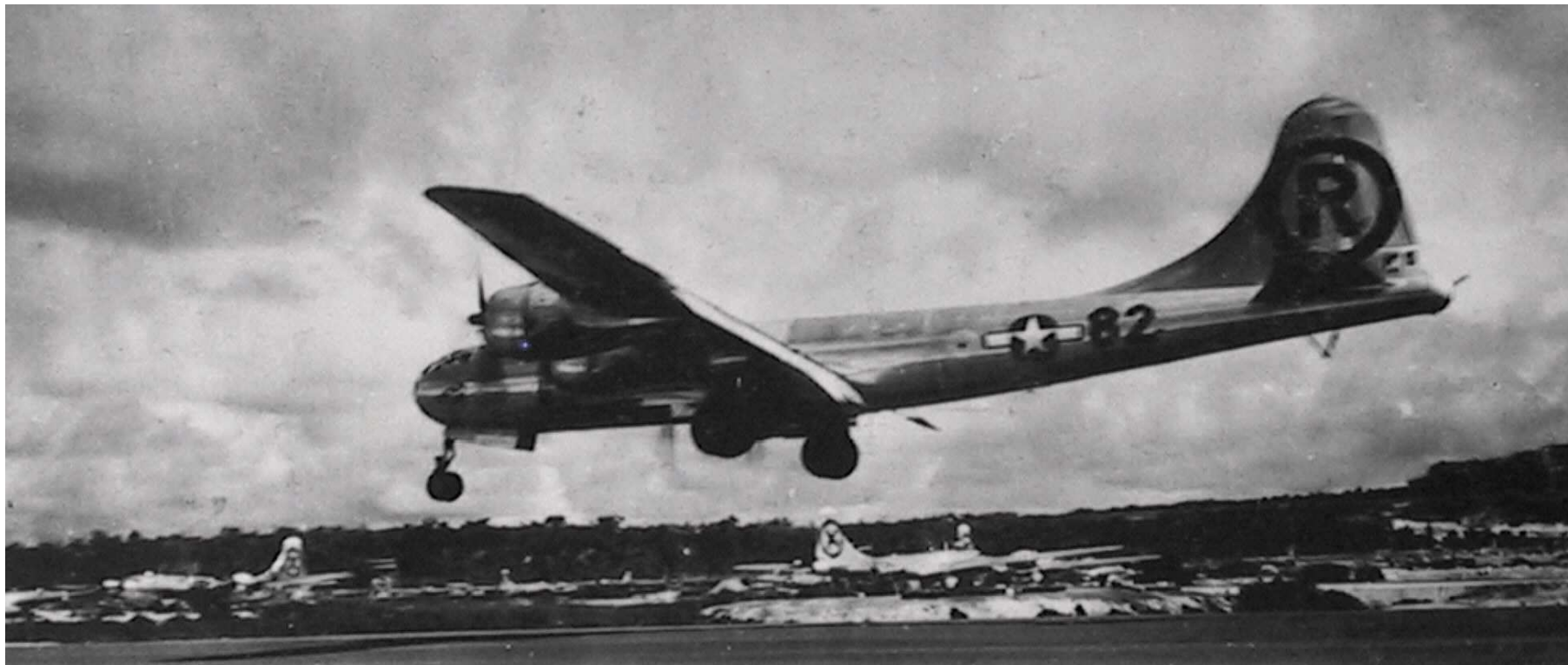
War Time Feelings



Feelings About Japan



The Enola Gay - Tebbs



Hiroshima



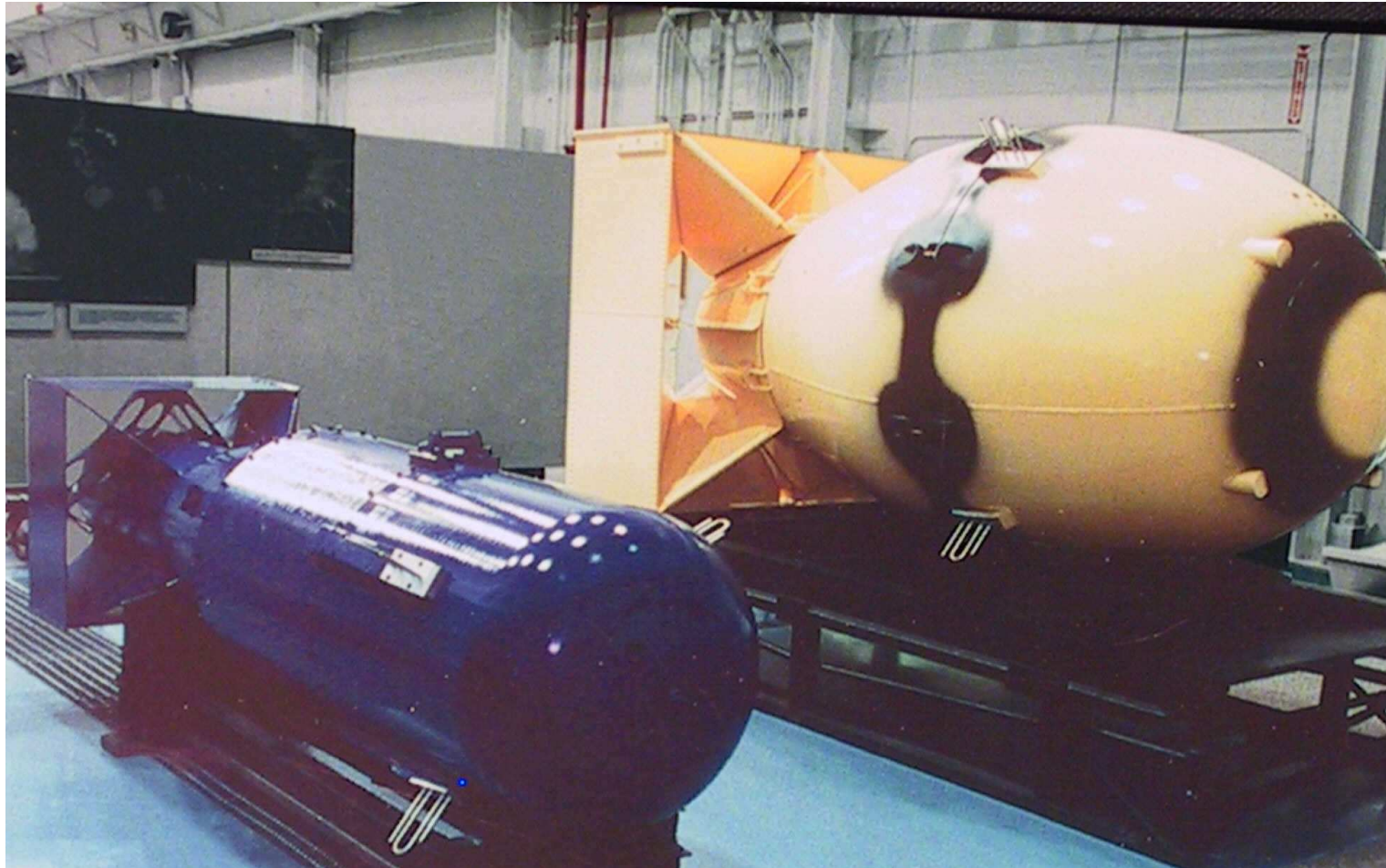
Hiroshima



Hiroshima



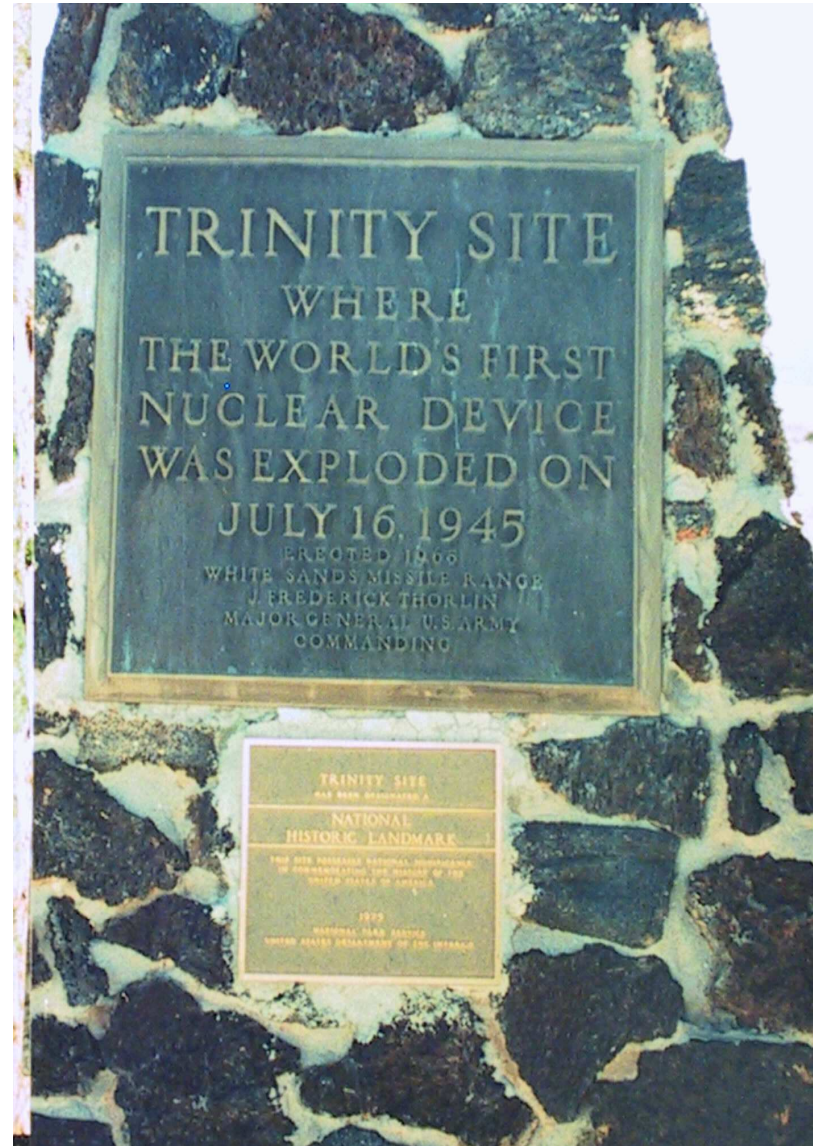
The Bombs



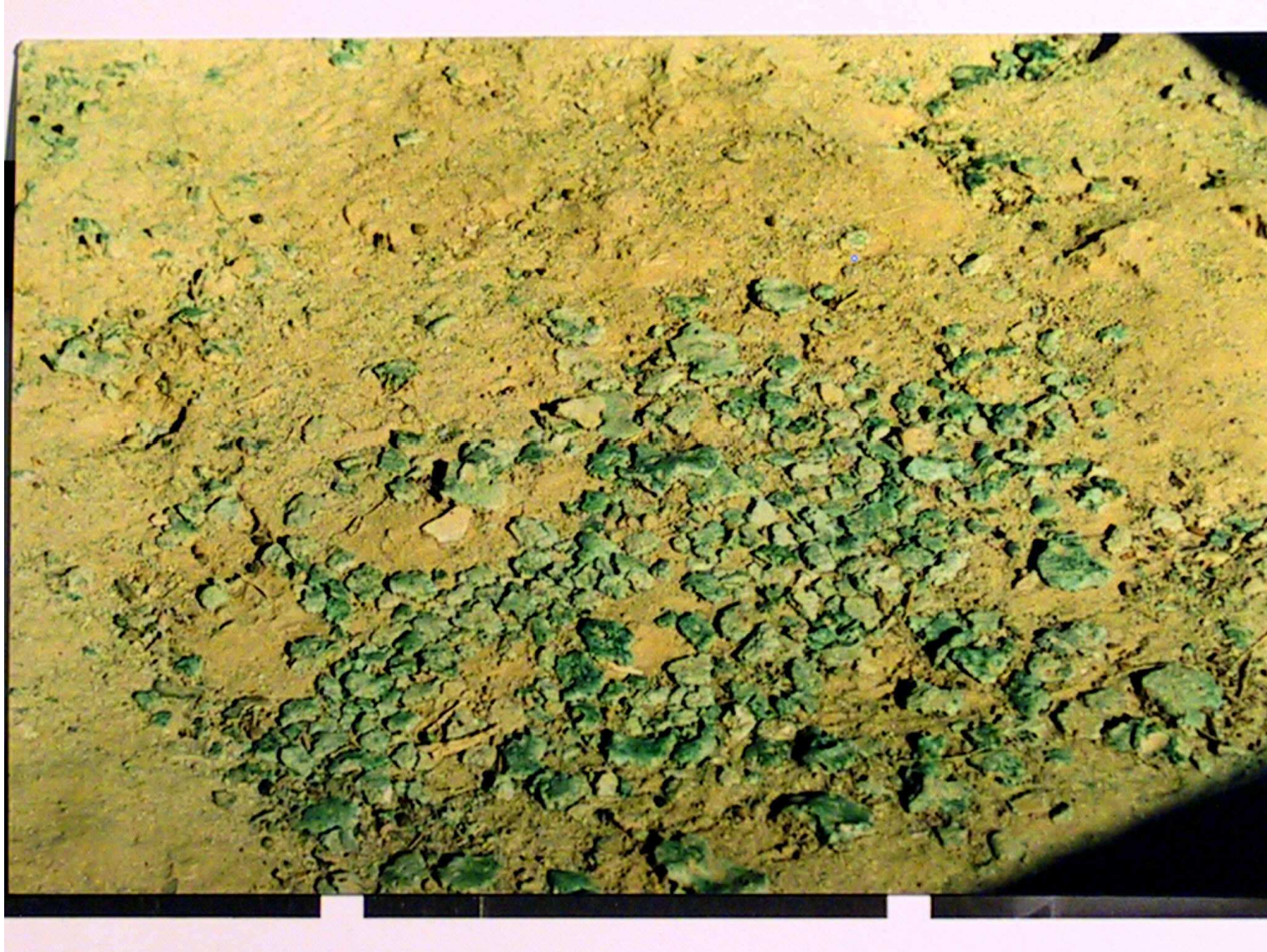
Trinity Site Today



Trinity Site Today



Trinity Site Today



Trinity Site Today



Los Alamos

