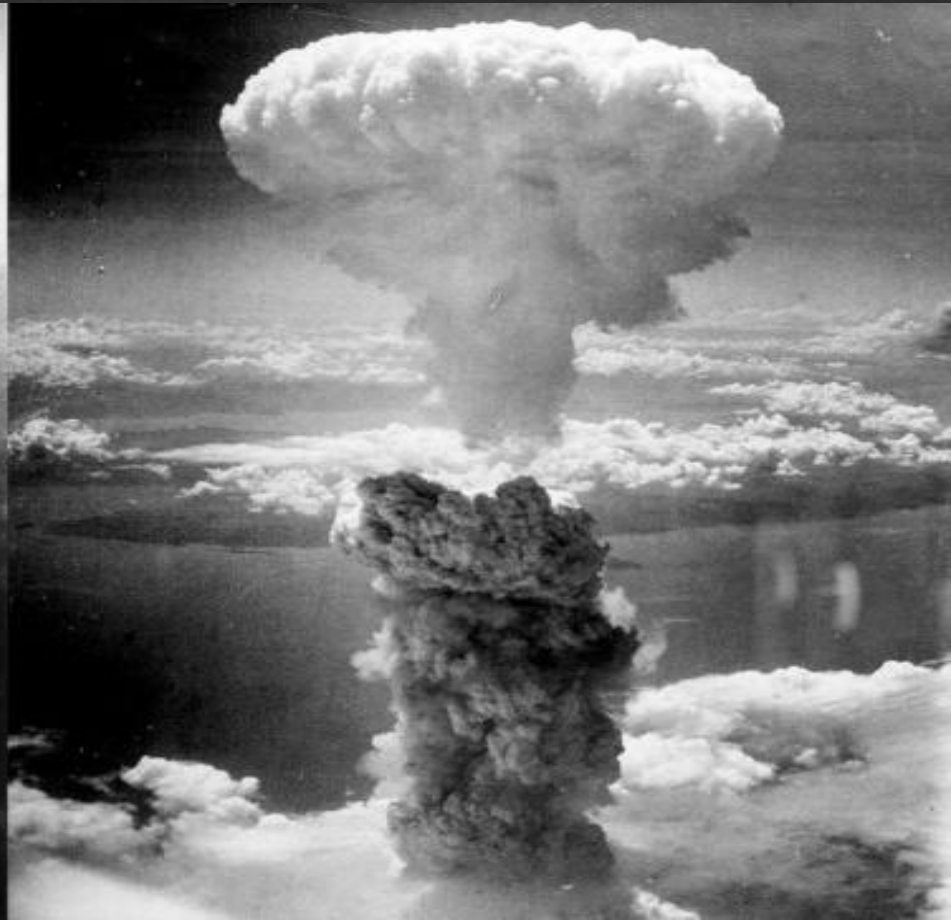


Atomic bombings of

Hiroshima and Nagasaki



ATOMIC BOMB BLASTING OF HIROSHIMA ANDNAGASAKI:NUCLEAR ENERGY
BECOMESBLASPHEMY



AUGUST 6TH 9.15 A.M. AUGUST 9TH 11:02

A.M. August 6th, 8.15 a.m., 1945 August 9th, 11.02 a.m., 1945

It was'all
about power'all about ruling an empire'all about
testing with the livesof more thanmillion of
innocents

THAT DESTRUCTIVE SINGLE MOMENT ...

- 0.0001 millisecond: Temperature increases to million degree Fahrenheit than the usual.
- 0.1 second: Bomb explodes, fireball forms, radiation 3% of total energy, of which gamma rays & neutrons damaged living organisms, soil and ground structures.
- 0.15 second: Shock wave expands rapidly
- 0.2 second: Thermal energy, especially infrared wave-lengths, causes most of thermal burn to humans
- 1.0 second: Fireball reaches maximum diameter of 200-300 meters.





DESTRUCTIONS

DEATH TOLL

- ❑ Immediate death: 80000 in Hiroshima & 40000 in Nagasaki
- ❑ Total death: 150000 in Hiroshima & 75000 in Nagasaki

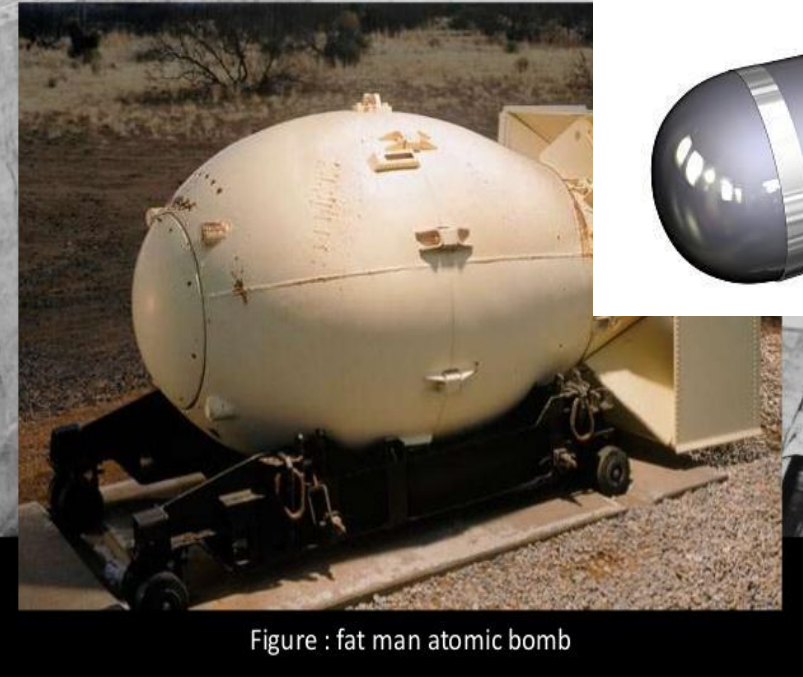


Figure : fat man atomic bomb

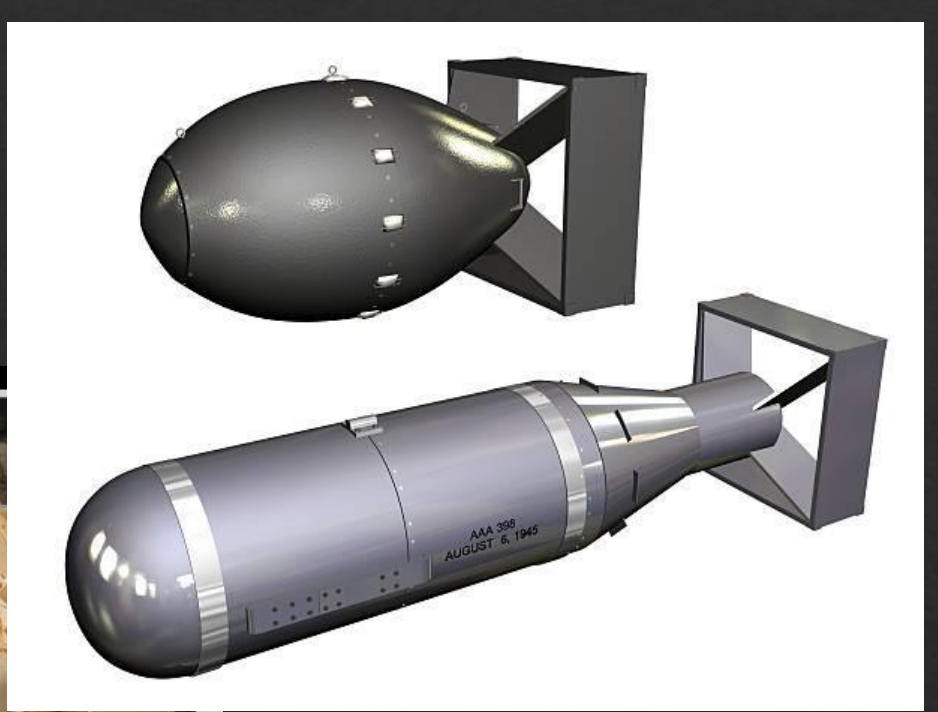


Figure: Little boy atomic bomb Figure : fat man atomic bomb

1. First two weeks: mainly burns from rays and flames, and trauma from blast and falling structures. 3rd week through 8th week: symptoms of damages by radioactive rays, loss of hair, anemia, loss of white cells, bleeding, diarrhea. 3rd and 4th months: burn, trauma, and even radiation injuries, disfiguration, severe scar formations, blood abnormalities, sterility, psychosomatic disorders. Till now: after over half a century later, many after effects remain: leukemia, A-bomb cataracts, cancers of thyroid, breast, lungs, birth defects, mental disorder.



2. 12.05 1015201950 1955 1960 1965 1970
1975 acute chronic Leukemia affected people number from 1945 to 1975 in Hiroshima

Year	Number of affected
1945	
1950	
1955	
1960	
1965	
1970	
1975	



A week later after bomb Hiroshima Nagasaki
Destroyed Medical College of Hiroshima

SHADOW OF DEATH

" I HID MYSELF AT HOME AND SPENT HOURS BEFORE THE MIRROR, LOOKING AT MY OWN FACE. WHAT I SAW WAS UGLY HUNKS OF FLESH, LIKE LAVA OOZING FROM A CRATER WALL, COVERING THE LEFT HALF OF MY FACE, WITH THE EYEBROW BURNED OFF AND MY EYE PULLED OUT OF SHAPE. MY NECK WAS PULLED OVER TO ONE SIDE AND

Political restraints on recovery

Formally termed the Press Code, officially issued by the Occupation GHQ on September 19, 1945, it prohibited the publication of all reports and studies of A-bomb damages, including medical and scientific studies of all injuries and losses suffered by A-bomb victims in both Hiroshima and Nagasaki. Thus the A-bombed citizens struggled with ignorance of the many medical and social aspects.

THERE WERE MINOR EXCEPTIONS

The Hiroshima-based magazine, **Chugoku Bunka**, devoted its initial issue to A-bomb damages.

Monuments in remembrance of those who died....

