20 MEGATON NUCLEAR EXPLOSION DAMAGE

What Would Happen if a 20 Megaton Nuclear Explosion on a City of 3 Million?  
  
Ground Zero  
  
Within 1/100th of a second, a fireball would form in every direction from ground zero enveloping downtown and reaching out for two miles.   
  
Temperatures would rise to 20 million degrees Fahrenheit, and everything — buildings, trees, cars, and people - would he vaporized.  
  
2 to 4 Miles from Ground Zero. The blast would produce pressures of 25 pounds per square inch and winds in excess of 650 miles per hour.   
  
These titanic forces would rip buildings apart and level everything, including reinforced concrete and steel structures. Even deep underground bomb shelters would be crushed.  
  
4 to 10 Miles from Ground Zero. The heat would vaporize automobile sheet metal. Glass would melt. At this distance, the blast wave would create pressures of 7 to 10 pounds per square inch and winds of 200 miles per hour. Masonry and wood frames would be leveled.  
  
16 Miles from Ground Zero. The heat would ignite all easily flammable materials -houses, paper, cloth, leaves, gasoline, heating fuel - starting hundreds of thousands of fires.   
  
Fanned by blast winds still in excess of 100 miles per hour, these fires would merge into a giant firestorm more than 30 miles across and covering 800 square miles.   
  
Everything within this entire area would be consumed by flames. Temperatures would rise to 1400° F. The death rate would approach 100%!  
  
Beyond 16 Miles  
  
The blast would still produce pressures of two pounds per square inch, enough to shatter glass windows and turn each of them into hundreds of lethal missiles flying outward from the center at 100 miles per hour.   
  
At 29 miles, the heat would be so intense that all exposed skin, not protected by clothing, would suffer third degree burns. Even as far as 40 miles from ground zero anyone who turned to gaze at the sudden flash of light would be blinded by burns on the retina and at the back of their eyes.  
  
Within minutes after the bomb exploded 1,000,000 would die. Among the 1,800,000 survivors, more than 1,100,000 would be fatally injured.   
  
Another 500,000 would have major medical injuries from which they might recover if they received adequate medical care.   
  
Less than 200,000 people would remain without injuries - with very few doctors and with only limited medical facilities.  
  
And perhaps worse, an Electro-Magnetic Pulse nuclear device would kill nobody from the explosion but wipe out all but about TEN PERCENT of the current USA population , leaving only some 30 million of us alive after 12-months,as every piece of electronic device would instantly stop functioning, our economy would die and only a horse and buggy, barter system would exist.  
  
Iran has had EMP capability for nearly ten years but not a delivery system they have since developed and can bring to our shores on a rust-bucket, old cargo ship from which to launch it.  
  
DO NOT UNDER-ESTIMATE THE THREAT OF A NUCLEAR IRAN