

Twin towers steel collapse theory

Scientists have discovered that the World Trade Centre collapsed after the 9/11 attacks due to a previously unsuspected molecular change in the steel structure. They found that magnetic fluctuations which occur at atomic level gave rise to fundamental changes in the strength of the steel

World Trade Centre

Steel has two main crystal structures

Temp.

1 Alpha-iron: Magnetic, rigid and stable. Steel softens and loses strength above 500°C, rather than melting

Iron atoms

1,500°C:
Melting point

Carbon trapped within crystal lattice hardens steel

Structural core made of low-carbon steel

2 500-911°C: Magnetic properties of steel molecules change

Gamma-iron: Carbon atoms easily dissolve in and out of crystal lattice

Fire-proofing of structure may have been damaged by plane impact, exposing steel to intense heat

3 Gamma-iron: Non-magnetic, soft and ductile. **Transition of crystal structure begins above 500°C. Changes to crystals causes softening and collapse of steel structure under load of building above**

1400

1200

1000

800

600

400