

Review: *Beyond Misinformation: What Science Says About the Destruction of World Trade Center Buildings 1, 2, and 7, Architects and Engineers for 9/11 Truth, Berkeley, CA, 2015*

Pages: 50

Astounding Scientific Expose of the WTC Demolitions

This is a critically important work to explain how the official narrative of fire-induced collapse of the three World Trade Centre Towers is false, and therefore controlled demolition is true.

The scientific method is employed for each mutually exclusive hypothesis and no doubt is left that all the collapse conditions are consistent with the use of explosives by trained professionals.

The truth is important to know simply for it's own sake as a matter of the historical record, that U.S. and allied foreign policy is no longer based on a lie, and people would know they are being ruled not by who they elect and see in government, but by a far greater powerful and dark force.

I) Introduction (pp. 2-9)

World Trade Center 7 was a forty-seven story tall building which collapsed completely and symmetrically into its own footprint, supposedly due to office fires.

Fires have never caused the total collapse of a steel-framed high-rise building.

Of the twenty-two fire-induced collapses in history, fifteen were partial. The four total collapses were from four to nine stories tall and all were either concrete, wood, or unknown materials.

WTC 5 was a nine-story building where four floors and two bays collapsed on 9/11.

In 2005, Madrid, the twenty-nine story Windsor Tower burned for twenty-four hours yet only partially collapsed.

An estimated 1,630 fires occur each year in buildings with thirteen or more stories.

Controlled demolition and fire-induced collapse scenarios are mutually exclusive.

A controlled demolition is: total; sudden, takes seconds, typically starts at the base, descends symmetrically, undergoes near free-fall acceleration, ejects 'demolition squibs', pulverises concrete, and dismembers steel structures.

A fire-induced collapse is: partial, onsets gradually with visible deformations, takes minutes to hours, occurs randomly in any building part, falls asymmetrically, decelerates when falling due to supporting structures, only explodes at the fire location, does not pulverise concrete, leaves most of the steel intact.

II) The Official Investigations (pp. 10-15)

The Federal Emergency Management Agency (FEMA) and the National Institute of Standards and Technology (NIST) both conducted studies on the collapses.

The cardinal rule is that investigations should begin with the most likely explanation.

The obvious interpretation of the evidence is that after the airplanes hit, explosives were detonated to topple the structures.

According to the NIST report, temperatures reached 1,000°C for only about fifteen to twenty minutes, falling back below to 500°C thereafter. The jet fuel from the initial impact was combusted within a few minutes. STEEL MELTS AT 1,500°C!

The worst part of FEMA's 'investigation' was recycling the steel so it was not available for investigation. Their report, *World Trade Center Building Performance Study: Data collection, Preliminary Observations, and Recommendations*, was released May 1, 2007. It suggested a 'pancake' collapse where upper sections acted like a pile driver on lower ones.

Regarding WTC 7, there was little if any fuel to feed fires hot enough to weaken the structure and hypothesised there was diesel fuel from emergency generators (which was not true).

The NIST investigation was announced August 21, 2002, and had for its principle roles key members of the FEMA investigation! According to them, diesel fuel did not play a role in the WTC7 collapse, but thermal expansion of beams initiated collapse at temperatures hundreds of degrees below those typically designed for. The failure was below Floor 13 due to fire an/or structural damage.

NIST also said damage from WTC1 debris had little effect on WTC 7.

The NIST report holds that:

-The airplane severed 35 exterior columns and six core ones in WTC 1. In WTC 2, 33 exterior columns were severed and 10 core ones.

-Loads were redistributed to columns next to the impact zones. Some increased 25% and others reduced 20%.

-Sprayed-on fireproofing was completely dislodged on some exterior columns.

-WTC 1 floors sagged inwards, bowing the exterior columns.

-Gravity loads transferred to the adjacent exterior columns.

-Falling WTC 1 collapsed 10:28AM and ignited fires on lower floors 7 to 30.

-Water supply to WT 7 was broken when WTC1 collapsed.

-Expanding beams in WTC 7 forced one girder (A2001) off its seat at corner Column 79. This happened at temperatures below 400°C.

-The WTC 7 girder caused floor 13 to collapse, which cascaded down to floor 5.

WTC 1 was built as a concentrated grid at the centre and perimeter.

III) The Destruction of WTC 1 and WTC 2 (pp. 16-23)

None of the relevant evidence should be ignored.

Steel structures do not collapse suddenly when attacked by fire.

The WTC 1 collapse began at the 98th floor, not the 95th floor where the inward bowing occurred.

Instability spread would have taken much more time and not result in uniform free fall.

WTC 1 and 2 came down in eleven and nine seconds respectively, free fall. NISTs 'freefall' discussion was limited to a half-page out of 10,000!

NIST relents that its computer models were not able to converge on a solution.

The upper section of WTC 1 fell in four seconds., then its acceleration was a constant 64% of gravity. There was no observable deceleration which was required if the upper section had impacted and crushed the lower.

NIST stopped its analysis at the point of collapse initiation and could not explain how the building materials were destroyed.

New York Governor and eyewitness George Pataki said, "There's no concrete."

8.8 million square feet of 5.5-inch thick lightweight concrete flooring and dismemberment of 220 stories of steel were pulverised! This would have required 1,255 GJ of energy, but the total gravitational potential energy of the buildings was only 508GJ.

Lower Manhattan was blanketed with several inches of dust.

Explosive demolition quickly removes lower-floor material which enables free-fall collapse.

Steel beam ejecta travelling at 100mph were observed, some travelling two football fields away. Moreover, these were nearly thirty floors below the collapse front. NIST calls these demolition squibs "puffs of smoke".

Squibs could not be smoke since the floors were not highly pressurised and hermetically sealed, any falling upper mass would have to have been a flat plat (not disintegrated material).

The New York Fire Department (FDNY's) World Trade Centre Task Force Interviews contains 10,000-20,000 pages of over 500 FDNY personnel statements from early October 2001 and January 2002. The thread through the testimonies are "identification", "power", and "pattern".

IV) The Destruction of WTC 7 (pp. 24-29)

WTC fell at free fall for 2.25s before starting to slow.

Newton's Third Law states that any object exerting a force on another will receive an equal and opposite force in reply.

NIST extended WTC 7's fall time to 5.4s in three stages:

I) 0 to 1.75s slower than gravity.

II) Freefall from 1.75 to 4s

III) 4 to 5.4s of deceleration.

In Stage I, however, WTC 7 is literally stationary.

For freefall, all 24 interior columns and 58 perimeter ones had to have been removed simultaneously in a fraction of a second.

"Implosion" is more descriptive than "explosion" in a CD since the building pulls inward on itself.

NIST's WTC 7 model terminates shortly after initial collapse! They also lied saying no blast sounds were heard.

Someone had to have had foreknowledge to begin warning others to avoid casualties (how could authorities have successfully predicted such a low-probability event?)

V) High-Temperature Thermitic Reactions (pp. 30-37)

Iron-spherules and nano-thermite were found in the WTC dust.

The NFPA 921 standards as “all available fuel sources should be considered and eliminated.”

At 09:52AM, molten metal began pouring out of WTC 2 near the northeast corner of the 80th floor, intensifying until collapse at 09:59AM. The yellow colour indicated temperatures of 1,000°C. If it were aluminium fuselage from the plane the colour would have been silver.

Witnesses described the flow as like lava from a volcano.

WTC 7 tower steel was found to be sulfidated, which indicates *thermate* (thermite plus sulfur). Thermate lowers the boiling point of steel to ~1,000°C from 1,500°C.

Thermite particles are at most 4nm.

Iron particles make up about 5.87 of WTC dust. Spherules are created when the melted iron solidifies in air like a raindrop.

Further, molybdenum spherules were also found, and molybdenum has a melting point of 2,623°C.

Nano-thermite particles are at a scale of tens to hundreds of nanometers. They have a lower ignition point (463°C) than normal thermite (900°C).

NIST did no testing for thermite or thermate.

VI) NISTS' Evidence for Fire-Induced Failure (pp. 38-43)

NISTS' analysis assumed nine pounds of RDX explosive would be required for column 79 in WTC 7, however, nano-thermite would enable concealment of explosives.

Sprayed Fire-Resistive Material is SFRM.

NIST was able to obtain 236 pieces of WTC steel and found no evidence of temperatures exceeding 600°C for any significant amount of time.

Computer modelling was heavily relied on precisely because most of the steel was sent to China straight afterwards for destruction. The NIST model applied 5,000 pounds of lateral load to each column.