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2005 Rerun of "Chain Reaction" exposes fraud of high temperatures in sonoluminescence

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Summary:

US science approval of "Chain Reaction" released by Hollywood a decade ago continues today with false claims that nuclear explosions are initiated by high temperatures in the collapse of bubbles

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In 1995, 20th Century Fox released the movie "Chain Reaction" starring Keanu Reeves and Morgan Freeman directed by Andrew Davis of "The Fugitive" fame. "Chain Reaction" falsely depicts the collapse of bubbles under ultrasound to produce temperatures > 1 million degrees that initiate nuclear explosions, the phenomenon called sonoluminescence or SL. Indeed, one scene depicted half of Chicago blown away by a runaway chain reaction, the movie credits showing SL initiating underground nuclear explosions at Yucca Flats. But the fraud at the expense of the US taxpayer continues today with the March 2002 test of

bubble fusion at the Oak Ridge National Laboratory.

US science promoted high SL temperatures by the adiabatic compression heating of air during bubble collapse. We know from elementary physics, if the volume of air vanishes as it must in a bubble collapse, temperature and pressure become infinitely large.

However, the bubbles are not filled with air, as there is no time at ultrasonic frequencies for the air dissolved in the water to diffuse into the bubble. In fact, the bubbles nucleated in water under ultrasound are filled with condensable water vapor. By Le Chatelier's principle, compressed water vapor condenses without an increase in temperature and pressure, and therefore US science is responsible for perhaps the greatest hoax in the history of science, the hoax being the collapse of bubbles produces temperatures > 1 million degrees.

In "Chain Reaction", Keanu Reeves plays a student SL researcher who becomes a fugitive threatened by agents of oil companies or the bad guys who want to suppress or control the potential of SL as an energy source. But the 2005 Rerun casts the high SL temperature proponents as the bad guys who threaten and harass those who claim there are no high temperatures in bubble collapse.

With tacit approval by US science, the SL bad guys have committed criminal acts. (1) I have received over100 hate emails with viruses, (2) Prejudice in peer review has refused publication of my papers showing collapse temperatures near ambient, and (3) Even more despicable acts have been committed. On 13 June 2004 at the Mt. Davis youth hostel in Hong Kong, my PC was stolen by breaking a padlocked locker. Since my PC computer was old having no economic value while the Japanese living in the dormitory left their expensive PC's out in the open which were not stolen, my PC was clearly stolen for the electronic files of my SL research at ambient temperature and related US patent applications.

In the 2005 rerun of "Chain Reaction", Hollywood exposes US science as the perpetrator of high SL temperatures leading to the greatest hoax in the history of science at the expense of the US taxpayer.

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