

MANIFESTO: Prevent Nuclear Disaster - Doomsday

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Abstract Recent research by an international group of scientists reveals a possible unintended global consequence of the preemptive nuclear strike policy adopted by the major nuclear powers. In the worst case of simultaneous atmospheric nuclear explosions a part of Earth's atmosphere could be lost. Laboratory experiments on EM-activated plasma around a solid object led to the discovery of an antigravity effect called *Stimulated Anomalous Reaction to Gravity* (SARG). Analysis of atmospheric nuclear explosion data revealed that a similar but large-scale effect is involved in the formation of the nuclear mushroom often accompanied by multiple tornados. If two or more nuclear explosions were to occur close together in space and time, the observed effect could trigger a huge space tornado. Similar phenomena observed on the sun are responsible for ejecting enormous quantities of gaseous mass into space. Such a tornado on Earth could also fling part of our atmosphere into space. The resulting decrease in atmospheric pressure could lead to extinction of life on Earth.

Events leading to a global disaster – Doomsday

The 21st century began with unexpected worldwide problems – energy crises, environmental contamination, global weather changes, a deep gap between the standard of living in developed and undeveloped countries, increased population, religious intolerance and hate, and diseases. All these problems, however, pale in comparison to another potential disaster not yet predicted.

In the developed countries, financial institutions have become more dependent on international trade and energy resources. One of the most profitable sectors is the conventional weapons trade, which has resulted in an increased number of military conflicts in the unstable zones. Sooner or later, some of the weapons sold fall into the hands of terrorist organizations. As a result, new wars are justified on the presumption of a terrorist attack, while the real goal is often to gain a strategic advantage. These new wars cause serious humanitarian problems accompanied by migrations of large populations, which create problems in other countries. The highly incorporated media in developed countries do not adequately inform the majority of their populations about these problems. Further, the role of international political institutions in resolving global conflicts is significantly diminished. In this situation, the ruling politicians of powerful countries or military blocks more often adopt a military option for defending their own interests.

Current strategic weapons include nuclear weapons stockpiled during the 20th century, and military budgets of the most powerful countries continue to rise to unprecedented levels. After the Warsaw pact was dissolved, NATO expanded into most eastern European countries. As a counter measure, new military pacts appeared in Asia between Russia, China, and India. The recent conflict zone in Georgia led to a potential danger of direct military conflict between the USA and other members of NATO on one side and Russia on the other. Russia may now terminate its agreement to collaborate with NATO. The USA has already terminated a recent agreement with Russia to develop peaceful uses of atomic energy. NATO plans to place antimissile defense systems provided by the USA in the Czech republic and Poland. Russia has responded with a decision to target these countries with its missiles. The Black Sea also became a new zone of

military escalation with potential conflicts between Russia and NATO involving eastern European countries such as Georgia, Ukraine, Romania and Bulgaria. A large exercise of Russian military forces (air force, sea vessels and submarines) in cooperation with Venezuelan forces will take place in the Caribbean during the fall of 2008 for the first time. Venezuela might become a new military base for Russian missiles. From this zone they are a potential danger to the USA because the latter's extensive defense system was built to intercept missiles arriving from the north. The southern states are not so well protected, and it is likely that before long the Bush plan for weapons in space will include nuclear warheads.

A NEW COLD WAR HAS BEGUN!

In December 2007, a NATO sponsored report entitled "Towards a Grand Strategy for an Uncertain World: Renewing Transatlantic Partnership" called for a first strike preemptive use of nuclear weapons. The NATO doctrine in this report is virtually a copy of America's post 9/11 nuclear weapons doctrine as initially outlined in the 2002 Nuclear Posture Review (NPR). In the emerging new cold war, it is becoming clear that Russia will also adopt such a doctrine. When the opposing nuclear powers embrace the doctrine of a preemptive nuclear strike, it is obvious that any international diplomacy will be excluded at decisive moments. The main advantage of this doctrine is the suddenness of any attack. The preemptive nuclear strike could be triggered during a local military conflict in which the opposing powers share strategic interests. This may happen in Georgia, in the Black Sea, or during the military exercises of Venezuela and Russia in the Caribbean.

We are very concerned about the potentially disastrous consequences of a preemptive nuclear strike. *The disaster would affect the entire population of the earth.* It would not be merely a nuclear winter. Something much more catastrophic and irreversible may happen – a Doomsday created by humankind. This Doomsday would not be a result of the known effects of a nuclear explosion. It may happen at the beginning of the nuclear war because of an effect that is as yet unpredicted.

A new scientific analysis of atmospheric nuclear tests and a prediction

During the cold war era of the 20th century, the military budgets of the opposing powers permitted investigation of unusual phenomena that are not yet explained by the mainstream physical sciences. Some of these phenomena have been observed during nuclear tests, others in documented UFO cases, but much of the research has been hidden from university scientists and the public. Some information about this research appeared after the end of the 20th century cold war. Facilitated by the Internet, a significant amount of declassified material has leaked into the public space. The research has been mainly empirical despite the large military funding, and a strong physical theory appears to be lacking. Present research on antigravity by many private researchers and institutions is, in fact, an echo of classified research in the past. Internet communication facilitated the formation of informal research groups drawn from different organizations. The open exchange of ideas and publishing via the Internet allowed significant advances in a short period of time. As a result, annual conferences are organized regularly for the discussion of experiments and new theories. In recent years, research on so-called mass-less propulsion significantly increased. A large number of articles indicate that such research is now actively pursued at university levels in the USA, Europe and Russia. This type of research in only the USA involved at least 12 large academic institutions [1] in 2003.

One new physical phenomenon that resulted from antigravity research was reported at the 27th Annual Meeting of the Society for Scientific Exploration, 25-28 June, 2008, in Boulder, CO, USA [2]. The unique gravito-inertial phenomenon achieved in the laboratory was called Stimulated Anomalous Reaction to Gravity (SARG). It was a result of years of research following successful theoretical predictions, and was supported by international private organizations. The theoretical and experimental research leading to the discovery of this effect were published at a number of conferences and international meetings, and is the subject of a patent application [3,4,5].

In parallel with the laboratory experiments, extensive analysis was done on the effects of nuclear tests in the atmosphere using the physics behind the observed SARG effect. A large quantity of unclassified nuclear test data from both the USA and the former Soviet Union was used. Pictures and technical specs, as well as video material, are available via the Internet. The videos are useful for observing the dynamics in the first few seconds of the nuclear explosion when unusual phenomena take place. It was observed that an extremely large scale SARG effect takes place in the first few seconds or tens of seconds. The effect is stronger when the nuclear explosion takes place in the atmosphere between 200 m to 2 km above the ground. It is less strong at higher altitudes due to the rarefied atmosphere. Even for the non-scientist, the effect of antigravity is apparent in several videos such as the unclassified documentary movie entitled “Declassified U.S. Nuclear Test Film #70” [6]. The atmospheric nuclear test near the beginning of the documentary occurs at an altitude of 610 m from the ground. As the plasma from the nuclear explosion expands, a thick column of dust and condensed air begins to rise from the ground. It reaches the expanding plasma in about 20 sec. Small-diameter tornado-like columns also arise simultaneously, and this phenomenon is very common during atmospheric nuclear explosions. Note that the rising main column not only reaches the bulk of expanded plasma but also punches through it. The SARG effect explains the rising column and surrounding tornados. The nuclear explosion causes the formation of a vast quantity of expanding plasma. This plasma affects the physical vacuum in such a way that an antigravity effect is created below the nuclear explosion. The dust and condensed gases rise because of the antigravity effect. They obtain a vertical pulse momentum during the existence of the plasma resulting from the explosion, which may last for a few seconds to tens of seconds. The explosion also creates another detectable effect – a strong EM pulse. (In the laboratory experiment demonstrating the SARG effect, such a pulse is quite weak and is invoked by other means). The rising column and the expanding plasma create the well-known shape of the nuclear mushroom cloud. The same antigravity phenomenon with multiple tornados is also visible in the videos [7,8] of other atmospheric nuclear tests.

From 1945 to 1963 the USA conducted an extensive campaign of atmospheric nuclear tests, grouped into roughly 20 test series [9]. USSR also conducted extensive atmospheric nuclear tests in the period from 1949 to 1962. They are summarized in a Catalog of Worldwide Nuclear Testing edited by V. N. Michailov [10]. After the Limited Test Ban Treaty was signed in 1963, testing by the U.S., Soviet Union, and Great Britain moved underground. France continued atmospheric testing until 1974 and China did so until 1980.

In all the available information, there is no indication that simultaneous atmospheric nuclear tests separated by a finite distance have ever been performed. This has been our good fortune, as we will see. In a single atmospheric test, the antigravity effect is usually directed vertically upward. But what might happen if simultaneous tests within a finite time and distance were done? The disturbance of the physical vacuum would lead to an antigravity effect that is not vertical. Additionally, the two disturbances would interact and the columns from the rising dust and gases

will be twisted. The new physics of this phenomenon predicts that the antigravity effect from the two explosions will be much stronger. This may cause a part of the atmosphere to be thrown into space. Further, it is possible that a self-supported tornado-like effect may extend the life of the phenomenon, so a significant fraction of the earth's atmosphere may be sucked into space. This is more than just speculation since exactly such an effect was observed on the Sun by some solar orbit satellites [11,12]. The video clip on the National Geographic website [13] clearly shows the dynamics of the solar tornado extended into space. Now scientists claim that such a tornado is responsible for throwing large quantities of solar gaseous mass into space [14]. The phenomenon observed at the Sun could happen on the Earth during simultaneous nuclear atmospheric explosions that create similar conditions.

To understand the gravity effects, one must have a correct model of the physical vacuum. The model adopted about 100 years ago is now not supported by laboratory experiments. We may think that the space outside the earth's atmosphere is empty but it still has the properties of the physical vacuum, and many experiments show that it is not void. This new understanding is completely unknown to military advisors and politicians. They don't have a clear idea what could happen during multiple nuclear explosions in the atmosphere because, fortunately, such experiments have never been done. We must not think that the atmosphere is something permanent and cannot be destroyed. The planet Mars is a good example of an atmosphere's vulnerability. Once Mars had an atmosphere. This is evident from apparent surface erosion from rivers. Now the atmospheric pressure on Mars is about 0.1% of Earth's atmospheric pressure. Mars lost its atmosphere probably because of some natural event such as a huge volcanic eruption.

If the policy of preemptive nuclear strike is applied during a military conflict, there will likely be multiple cases of simultaneous nuclear explosions within a limited range and time. The probability is high that conditions will be created which can result in the loss of a fraction of the Earth atmosphere. Let us describe the consequences of this worst-case scenario that might develop during the initial phase of the nuclear strikes.

If an atmospheric sucking-tornado effect occurs somewhere, the first effect will be a huge windstorm that equalizes the atmospheric pressure. This, of course, will not stop the nuclear strikes. The worst case is that the global atmospheric pressure will drop below some critical level. It is well known that human beings are quite sensitive to changes in atmospheric pressure. (Even a trained mountain climber could not climb a peak higher than 5 km without an oxygen mask). At some low level of atmospheric pressure, a person loses consciousness. Since the effect of a pressure drop will be permanent, there is no chance of returning to consciousness. Protective measures exist to counter all known effects of a nuclear explosion: i.e., direct radiation, shock waves, and radioactivity. Protection from reduced atmospheric pressure, however, is impossible. In the worst-case scenario, there will be no survivors. It does not matter that you are rich or poor, living in a highly developed or a poor country, in an urban or low populated area. Everyone on Earth will die. This may happen in a time interval of 1-3 days. The dead people will lay unburied together with animals. Microbes and fungi will survive while the biomass of Earth's human and animal population slowly disintegrates. This will be a very tragic end to Earth's civilization; a civilization that reached its apogee in order to destroy itself. There will be no one left to document the end of humankind.

SUMMARY:

Nuclear explosions in the atmosphere exhibit a recently discovered effect indicating that simultaneous atmospheric explosions may cause giant tornados.

The new cold war between opposing nuclear powers may lead to dangerous consequences for humanity.

The adopted policy of preemptive nuclear strike applied in a military conflict might trigger a giant cosmic tornado that could suck part of the Earth's atmosphere into space.

Cosmic tornados created in a similar environment on the Sun throw enormous quantities of solar gaseous mass into space.

In the worst-case scenario, the atmospheric pressure would be decreased. This will cause total extinction of Earth's population.

While the new cold war and the military weapons race escalate, politicians, war policy makers and official institutions are not aware of the potential disaster.

ACTIONS:

- Save Earth civilization from a self-inflicted fatal disaster that would be created without our awareness.
- Inform the mass media, politicians, military personal, and institutions.
- Distribute this manifesto all over the world.
- The option of nuclear weapons use must be excluded from military policies and planning. Under certain conditions that we are just beginning to understand, it would be equivalent to the irresponsible mass suicide of humanity.

References:

1. J. Blandino et al., Overview of Electric Propulsion Research in U.S. Academia, AIAA-2003-4442, Joint Propulsion Conference, 2—23 July 2003, Huntsville, AL, USA.
2. S. Sarg, Gravito-inertial Propulsion Effect Predicted by the BSM - Supergravitation Unified Theory, 27 Annual Meeting of SSE, 25-28 June, 2008, Boulder, CO, USA.
<http://www.youtube.com/watch?v=o2r3tiPDqVE> SARG gravito-inertial propulsion effect
3. S. Sarg, Basic Structures of Matter – Supergravitation Unified Theory based on an alternative concept of the physical vacuum, Proceedings of the IX International Scientific Conference, Space, Time, Gravitation, 7-11 Aug 2006, St. Petersburg, Russia.
4. S. Sarg, Method and Apparatus for Spacecraft Propulsion with a Field Shield Protection, Patent application, 26 Aug 2008, Canada.

5. S. Sarg, Basic Structures of Matter Hypothesis Based on an Alternative Concept of the Physical Vacuum, Physics for the Third Millennium Conference, 5-7 Apr 2005, Huntsville, AL, USA.
6. <http://www.youtube.com/watch?v=b9nwr4FtKa0> (Declassified U.S. Nuclear Test Film #70)
7. <http://www.cddc.vt.edu/host/atomic/movies/tsnp02a.mov> (Atmospheric nuclear test)
8. <http://www.cddc.vt.edu/host/atomic/movies/tsnp03a.mov> (Atmospheric nuclear test)
9. <http://www.cddc.vt.edu/host/atomic/atmosphr/index.html>
10. V. N. Mikhailov – editor-in-chief, Catalog of Worldwide Nuclear Testing, http://www.iss.niiit.ru/ksenia/catal_nt/index.htm, Library of Congress Cataloging-in-Publication Data, Translation of Iadernye ispytaniia, edinyi katalog - CIP data sheet, ISBN 1-56700-131-9 (he.)
11. <http://solar-center.stanford.edu/news/tornadoes.html> (solar tornado)
12. Twisting solar jet in stereo
http://www.nasa.gov/mission_pages/stereo/main/index.html
13. R. A. Lovett, Giant “Tornados” Seen Erupting from Sun (video)
<http://news.nationalgeographic.com/news/2008/06/080603-solar-tornadoes.html>
14. Larry O’Hanlon, Solar tornadoes unwind radiation mysteries, Science news, 28 May 2008
<http://www.abc.net.au/science/articles/2008/05/28/2258141.htm>