

GaiaShield Group

1400 Kra-Nur Drive, Burton, Michigan 48509



01/01/05

President George W. Bush
The White House
1600 Pennsylvania Ave NW
Washington, DC 20500

Re: Executive Planetary Defense Advisory Council

President Bush: Sir,

A Million Miles a Day is the velocity of a typical large asteroid in our Solar System and how fast The Next Large Asteroid on its way to strike Earth is approaching our planet.

We began to understand that the threat of asteroid impact was credible when Apollo astronauts brought back a bucket of rocks from the Moon and these rocks were found not to be volcanic in origin as we had previously thought, but in fact asteroid impact ejecta. From the craters on the Moon and other more arcane dynamical methodologies scientists and academics have calculated the average relative frequency of large asteroid impacts. Keeping in mind that these events are in fact all unique and discrete to each other and occur completely at random, they have determined the statistical probability for large asteroid impact to be one event every 500,000 years.

To put this into a strategic perspective this means that over the last 2 billion years 4,000 large asteroids have struck the Earth. It also means that over the next 2 billion years another 4,000 large asteroids will strike the Earth. All of the 4,000 large asteroids that will sooner or later strike Earth are already out there somewhere in our Solar System now. Since we are somewhere between the last large asteroid impact event and the next, The Next Large Asteroid on its way to strike Earth presents itself as a rational manifestation of this threat. As such it is the only definition of the threat that provides us with an effective basis for determining what is or is not relevant or essential to the conduct of implementing a response: What efforts have any strategic or tactical value.

Scientists and academics have had their day in this business and a good time has been had by all. They have worked this issue as far as scientists and academics can. However, they have never seen fit to bring this clear and present danger to the attention of the Executive Office. Instead, they have been refining their statistical probabilities or claiming to have somehow made us safer by not finding The Next Large Asteroid on its way to strike Earth and so far have only succeeded in mitigating the public perception of this threat. This is a security issue and mankind is in the balance. It is time to dedicate more strategically minded resources to this issue. The kind of people you would want to have standing between you and yours and Harm's Way.

Your office would be well served by a permanent 3-man advisory counsel exclusively tasked with appreciating the strategic and tactical elements of this issue and reporting to the Executive Office on the suitability of existing policies concerning this threat. For balance you would need a soldier to appraise the strategic elements and because on your desk this should present itself as a matter of security. A scientist to interpret the technologies both currently and imaginably available and of course a statesman to ensure that the implementation of any strategies or technologies required in this business do not exceed the tolerance of the people they are intended to serve.

This die was cast long ago and The Next Large Asteroid on its way to strike Earth is closing at A Million Miles a Day. The Universe is a dangerous place. It does not suffer dilettantes gladly.

At your disposal and convenience in this issue,
R. Dale Brownfield

cc:

Prime Minister Tony Blair	Hon. Donald H. Rumsfeld	Adm James R. Hogg
V. President Richard Cheney	Gen Richard B. Myers	Dr. John H. Marburger
Hon. Colin L. Powell	General James Cartwright	Hon. E C 'Pete' Aldridge

Gaiashield Group <<http://Gaiashield.Com>> <HeadsUp@Gaiashield.Com> (810) 742-8830

Draft Notes:

You empowered a ten-man commission to determine the feasibility of going to the Moon and to Mars justified by little more than the strength of Fame and Glory and Because it's There and completely unrealistic Blue Sky economic considerations. How about three good men to begin to save the world from The Next Large Asteroid on its way to strike Earth?

The 800,000 visible craters on the surface of the Moon were the result of 800,000 asteroid impacts not evidence of volcanic activity. If asteroids can and have struck the Moon, they can and have struck the Earth and for both will continue to do so until the Solar System runs out of asteroids. Further and more recently, we have understood the potential dire magnitude of this threat for over a decade with the discovery of the 200-kilometer impact crater at Chicxulub. If one asteroid can wipe out all the Dinosaurs then one asteroid could just as easily wipe out Mankind. No matter what we choose to believe about the life and death of Dinosaurs or whether or not Mankind is somehow chosen above other species, The Next Large Asteroid on its way to strike Earth will still be closing at A Million Miles a Day.

When did a handful of Astronomers, Astrobiologists and Minor Planetologists at NASA become qualified to make strategic and tactical threat assessments concerning the security and fate of Mankind? Where is the Department of Defense in this? The prospect of The Next Large Asteroid on its way to strike Earth should warrant their attention to some degree: should rise to the level of a threat deserving their interest by now! No matter how many large asteroids we find that never will strike Earth or how much the Academics tweak their spurious feel-good probabilities mitigating only the public perception of this threat, The Next Large Asteroid on its way to strike Earth will still be closing at A Million Miles a Day.

A small and eclectic group of concerned professionals recently came together in a Planetary Defense conference submitting a broad range of opinions and insights on the many aspects of this threat. Yet who do we send the hard won results and conclusions of this conference to? Who in this or any government cares enough and has the appropriate experience to become informed in this issue and constitute a qualified responsible authority and make some decisions here? One of the concepts expressed at this conference was the Precautionary Principle, which offers that it is a fundamental precept of societal governance to take action to prevent harm even when it is uncertain if, or where, or when the harm will occur.

Unlike the prospect of a terrorist act on U.S. soil before 9/11, with The Next Large Asteroid on its way to strike Earth we do know the *if*: that sooner or later another large asteroid will strike Earth is virtually an absolute certainty. We do know the *where*: any large asteroid impact anywhere on Earth will be a catastrophic event for every person and every nation on the planet. Merely because we do not know which asteroid it will be and thereby can not know the *when*, does not relieve the government of a technologically evolved nation, capable of extending its will into space, from the responsibility of exercising due diligence and take the steps necessary to begin addressing a threat of this magnitude! It does not matter that we do not know which large asteroid it is or that so far we have not seen it coming in anything more than our mind's eye, The Next Large Asteroid on its way to strike Earth will still be closing at A Million Miles a Day.

Do not take my word. Do not take NASA's word.

Why do I have to be advising the President of the United States on the details and specifics of an issue concerning national and global security?

No matter what we do not know or what we can not see now, The Next Large Asteroid on its way to strike Earth will still be closing at A Million Miles a Day.

No matter what else happens: who the President of the United States is, what the annual average mean temperature of the Globe may be or who ultimately wins the war on terrorism, The Next Large Asteroid on its way to strike Earth will still be closing at A Million Miles a Day.

Draft Proposal B (broad base):

01/01/05

President George W. Bush
The White House
1600 Pennsylvania Ave NW
Washington, DC 20500

Re: Planetary Defense

President Bush: Sir,

Why do we have to be advising the President of the United States on the details and specifics of an issue concerning national and global security? When did Astronomers, Astrobiologists and Minor Planetologists at NASA become qualified to do strategic and tactical threat assessments with the survival of mankind in the balance? Where is your Department of Defense in this? The prospect of the next large asteroid on its way to strike Earth should warrant the attention of the DoD to some degree: should rise to the level of a threat deserving their interest by now.

We have understood that the threat of asteroid impact was real since the Apollo astronauts brought back a bucket of Moon rocks and they were found to be not volcanic in origin as first speculated but were in fact asteroid impact ejecta. If asteroids can strike the Moon, they can strike the Earth. We have understood the dire potential magnitude of this threat for over a decade: since the discovery of the 200-kilometer impact crater at Chicxulub. If one asteroid can wipe out all the dinosaurs, one asteroid can just as easily wipe out mankind.

An eclectic collection of concerned individuals recently came together in a conference and submitted a broad range of opinions on the many aspects of this threat - yet who do we send the results of this conference to? Who in government cares enough to become informed enough to constitute an authority and make some decisions here? One of the concepts expressed at this conference was the Precautionary Principle, which requires that modern democratically oriented governments take action to prevent harm even when it is uncertain if, or where, or when the harm will occur. We know the 'if': that a large asteroid will strike Earth again is certain. We know the where: any large asteroid impact anywhere on Earth will be a catastrophic event for everyone on Earth. Just because we do not know the 'when', just because we do not know where the next large asteroid on its way to strike Earth is now, does not excuse the fundamental responsibility of any modern and evolved

government from taking the first step in dealing with this threat now!

Do not take our word. Do not take NASA's word. Create an independent and discrete Executive advisory counsel of your own, expressly and exclusively tasked with the strategic and tactical assessment of this issue and reporting to the Office of the President on the suitability of existing policies concerning this threat. For balance you will need a soldier to appraise the strategic elements, a scientist to interpret the tactical technologies available and a statesman to insure that the strategy and technology do not exceed the tolerance of the people they are intended to serve.

You have empowered a ten-man commission to determine the feasibility of going to the Moon and to Mars justified by little more than Fame and Glory and Because it's There. How about three more to Save the World from the next large asteroid on its way to strike Earth?

The Universe is a dangerous place. It does not suffer dilettantes gladly.

At your disposal and convenience in this issue,

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Prime Minister Tony Blair
V. President Richard Cheney
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