

NEONuke Group

1400 Kra-Nur Drive, Burton, Michigan 48509



10/01/07

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

Re: A National Policy in Response to The Risk of Asteroid Impact

President Bush: Sir,

We, the undersigned, constitute the small body of experts that advocate the deliberate surgical application of Nuclear Explosive Devices to deflect Earth threatening asteroids and comets.

NASA has recently corroborated our assessment and concluded that Nuclear Explosive Devices will be up to 100 times more effective than the next best manifest or rationally imaginable alternative. However there is a potential perceptual problem constructive to this assessment. Although We The Species have managed to accumulate an abundance of Cold War left-over nuclear warheads and launch vehicles to deliver them with, as is, these resources do not constitute a reliable and effective tool to defend the planet against any level of asteroid or comet threat. Tactically speaking we still need:

- Dedicated space capable Nuclear Explosive Device designs tailored to perform reliably at -240° C in hard vacuum at Zero G that are also tolerant to ambient cosmic/solar radiation.
- A high-speed Interplanetary Class Nuclear Explosive Device delivery system.
- Creative tactical augmentations addressing the risk of disruption in nuclear ablation tactics.
- A strategic determination for the potential pre-deployment of tactical response systems to the Moon and/or the orbit of Mars in consideration of suitable launch window availability relative to high threat mass/low lead time missions.
- A commitment for perpetual preparation, training and testing of all the above. Find and correct all the tens of thousands of things that can go wrong with any mission in Space before they do so with the survival of mankind in the balance.

But first of all, Politically speaking, We The Species need a Dedicated National Policy that we will actually endeavor to deflect these objects as they become manifest threats to Earth. Only then, with the codification of this seemingly obvious human response to defend itself from its own extinction, can we reasonably expect the delegation of authority and responsibility to a Delegated Agency qualified to execute such a policy. The first task of which would be to design an Operational Strategy in order to guide and direct the development of what is essential to the conduct of implementing an effective and successful response to this both ancient and perpetual

threat. This is a global issue. However, we can reasonably expect that the leadership of the United States in this would serve as a precedent and model for the rest of the world to follow.

There is much in the assessment of this Risk that we do not/can not know now. However, there is one thing we do know to the point of absolute certainty. The next asteroid on its way to strike Earth is closing at a million miles a day and whether it is categorically small or categorically large or if it is categorically an extinction level impactor, We The Species are simply not ready...

At your disposal and convenience in this issue,

A Million Miles A Day

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Non Nuclear Advocate NEO Community in support the political objectives of this letter:

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cc:

PM Tony Blair
VP Richard Cheney
SecDef Robert Gates

Dr. Condoleezza Rice
Gen. Peter Pace
Gen. James Cartwright

Mr. Steven Hadley
Rep. Dana Rohrabacher
Adm. Michael Griffin

NOTES:

Margin of error criterion for near certain successful mission design: impact probability ellipse, energy conversion variable, Murphy's Laws...

To establish deflection based criterion for surveillance and rapid threat conformation characterization and target acquisition.

Last letter to POTUS, 02/22/07

In its full scope, the prospect of asteroid impact and mankind's defense of the planet in response is clearly an International issue. As such, in terms of creating a national policy, that would make our national response to this threat the exclusive province of the Executive Office. But there is more... Sooner or later the day will come when the President of the United States, as leader of the most capable nation on Earth, will need to be the most qualified man on the planet to save the world and mankind from extinction by large asteroid impact. Then, the very best We The Species has to offer will be required. Not necessarily all together in the man himself, but at his disposal and exemplified in the talent and human resources that have been dedicated and maintained for this purpose.

History is desperate to know who will take the lead here, who will take the first step in building an effective planetary defense authority. This is a National Security issue. This is not about Science. We need a national policy determination declaring that we do have the collective social will manifest in our government to in fact actually respond to this threat. Only then will we can we define and develop what will be essential to the conduct of implementing a successful response. Towards that end I would offer that your office create a small ad hoc Executive Strategic Study Group: a soldier a scientist and a statesman, to look at this issue from a national security perspective: Let's take that "First Step".

At your disposal and convenience in this issue,

A Million Miles A Day

R. Dale Brownfield
Gaiashield Group

Enclosure: Cosmic Promise: A Strategic Perspective on the Risk of Asteroid Impact

cc:

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